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The CHEMIST AND DRUGGIST

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NOVEMBER 17, 1945

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British Medical Journal (1941), Vol. II, p. 1, ff.

British Medical Journal (1941), Vol. II, p. 46.

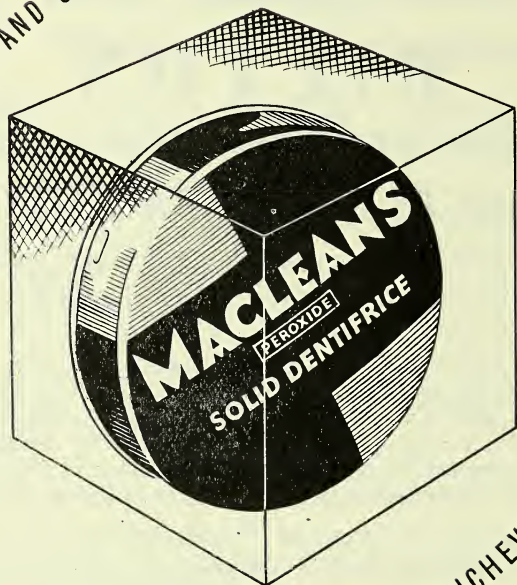
Medical Press and Circular (1942), Vol. CCVIII, p. 360.

The Hospital Treatment of Burns (1943), p. 31. E.M.S. Memorandum No. 8 (Revised). H.M.S.O. Edinburgh.

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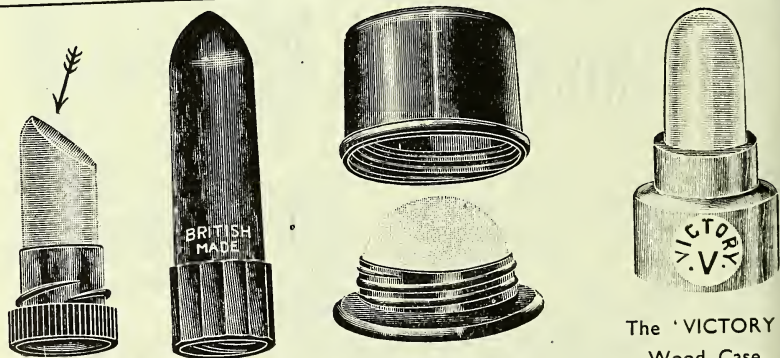
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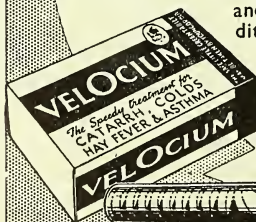
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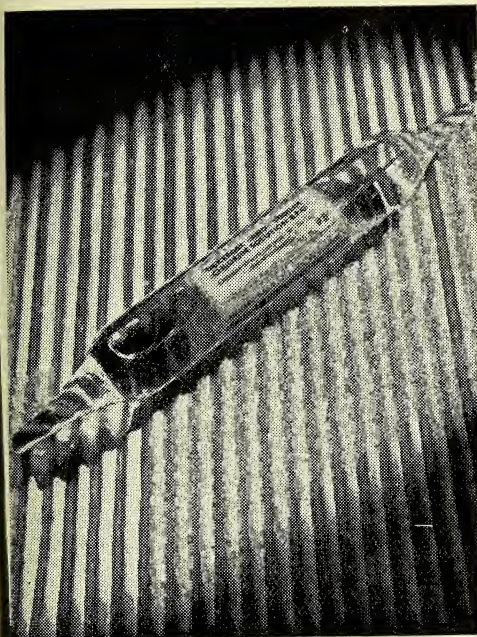
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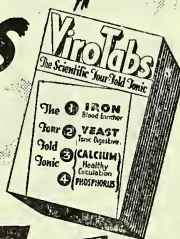
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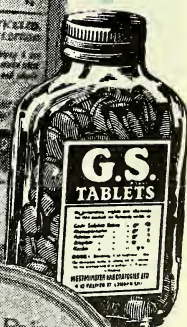
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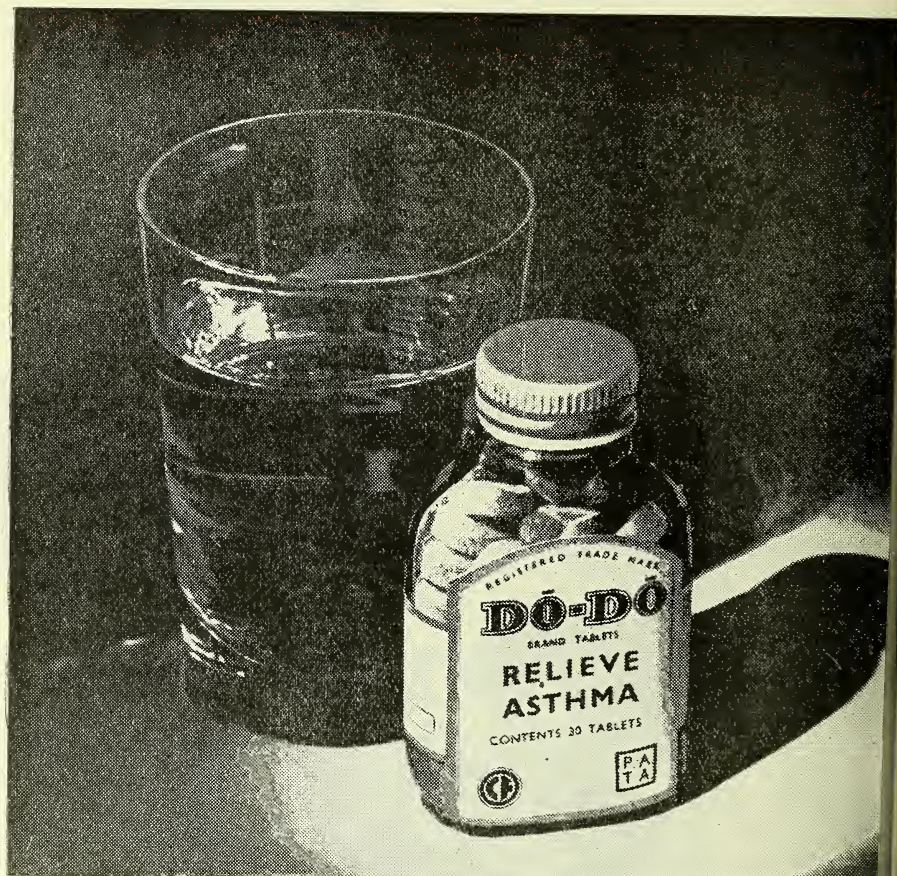
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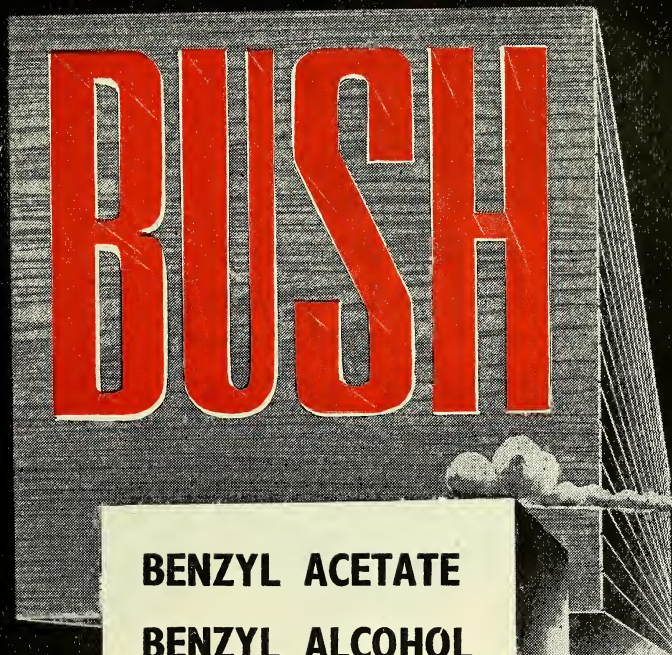
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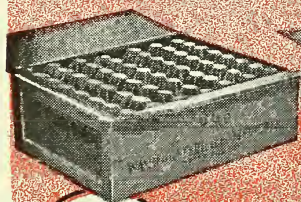
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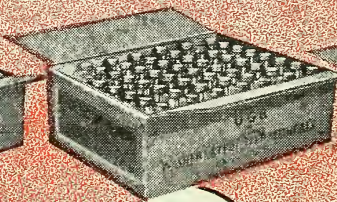


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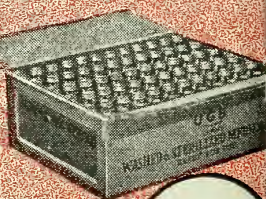
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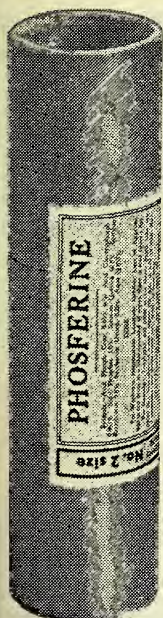
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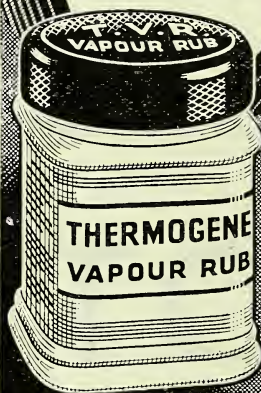
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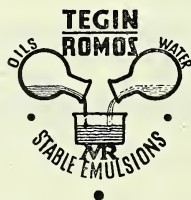
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NEWS OF THE WEEK

Health Bill.—At a meeting of the Society of Physiotherapists, held in London recently, the Minister of Health (Mr.neurin Bevan) stated that he would be presenting a Bill for a comprehensive health service "by the early months of 1946." He thought he would find a great deal more readiness in the medical profession to co-operate than had been suggested.

Veterinary Studentships.—The following have been awarded Evans' veterinary studentships (for best fourth-year student in veterinary colleges): Royal Veterinary College, Streatley, Mr. F. G. Startup; School of Veterinary Science, Liverpool University, Mr. G. T. Wilkinson; Veterinary College, Dublin, Mr. J. T. Nicholson; Veterinary College, Glasgow, Mr. R. S. F. Campbell; Royal (Dick) Veterinary College, Edinburgh, Mr. J. B. Wilson.

Exporting by Small Firms.—Speaking at the Institute of Export, London, on November 12, Mr. Marquand (Secretary to the Department of Overseas Trade) gave assurance that the present Government

was as strongly resolved as any other to develop Britain's export trade. He hoped the lighter industries would be harnessed to the export drive, bringing in thousands of small traders who hitherto had done little or no export business. Some, he thought, might become subcontractors of larger concerns possessing export organisations. Co-operative marketing might also be arranged. Apart from exceptional cases of goods in short supply, the Government did not intend to direct exports to particular countries.

Surplus Supplies Depot.—A Ministry of Supply surplus disposal depot has been opened at West Chirton (nr. Newcastle-on-Tyne) by Mr. William Leonard, M.P. (Parliamentary Secretary to the Ministry of Supply). Mr. Leonard said the Government was preparing an orderly scheme of release which would, with the minimum of dislocation to the market, bring into use much-needed goods. In breaking down surpluses, they had in mind the possibility of meeting ordinary household needs.

Warrington Association Officers.—At a recent meeting of the Warrington Chemists' Association, Mr. R. H. Sutton was re-elected *Chairman*, and Mr. E. W. Twiss, 717 Knutsford Road, Warrington, was elected *Secretary*, in place of Mr. O. Harris, resigned. Mr. A. Charlesworth was elected *Treasurer* of the Association.

Romford Branch Meets at Grays.—Departing from its usual practice, Romford Branch of the Pharmaceutical Society held its October meeting in Grays, about thirty members going over by special bus to meet local pharmacists. The speaker was Mr. D. G. Ardley, M.P.S., who took as his subject "Sulphonamide and Penicillin Therapy."

Stereoscopic X-rays.—In the British Zone of occupation of Germany information has been discovered regarding a stereoscopic x-ray. Efforts are being made to obtain an instrument for experiments and trial by orthopaedic specialists. Use of such an apparatus would enable surgeons to have a three-dimensional x-ray picture of limbs on which they might be operating.

Road Haulage Decontrol.—The date on which road haulage will be released from Government control is to be announced shortly by the Ministry of War Transport; it will probably be in the early part of 1946. The interests concerned are understood to recognise that some preparatory interval will be necessary before it is possible to get back to ordinary commercial operation.

British Barytes Producers.—At its recent annual meeting, the British Barytes Producers' Association elected the following officers: *Chairman*, Mr. I. D. Orr (Arran Barytes Co., Ltd.); *Vice-chairman*, Colonel J. V. Ramsden, C.M.G., D.S.O. (Devonshire Baryta Co., Ltd.); *Treasurer and Consultant*, Mr. Alexander Reid; *Auditor*, Mr. S. Key; *Secretary*, Mr. R. Murdin Drake, 166 Piccadilly, London, W.1.

Aniline Poisoning from Marking Ink.—Though it is nearly sixty years since an outbreak of cyanosis amongst babies in London was traced to absorption of aniline from marking ink used on napkins, the "Lancet" (October 20, p. 503) reports seventeen cases in New Orleans of poisoning from this cause, with four deaths, three being premature babies. It is to be emphasised that all newly-marked clothing should be laundered before being worn so as to eliminate the danger.

Infestation Conference.—An Infestation Conference was held in London under the auspices of the Emergency Economic Committee for Europe on November 6, 7, 8 and 9. Discussions were concerned with Government administrative responsibilities; the nature, origin and extent of infestation; control of organisations; and methods. There were demonstrations and inspections, and finally proposals were formulated for a standardised system of controls.

Wages Council Demand Held Over.—A proposal from the trade union side of the National Joint Industrial Council for Retail Pharmacy that application should be made to the Minister of Labour for the installation of a Wages Council to cover retail pharmacy, was left open at a meeting of the J.I.C. held on November 1, for consideration at a later date. Full consideration was given to an application, also made by the trade union side, for a revision of terms, and the matter was remitted to the General Purposes Committee for examination and report.

Resolution on World Trade.—The council of the London Chamber of Commerce has passed a resolution, which is being sent to the Prime Minister and other members of the Government, supporting the Government in its endeavours to reach agreement with the U.S. Government upon the future basis of Anglo-American trade, consequent on the termination of Lend-Lease, but expressing the opinion that any adjustment of trading relations within the Empire should not be accepted without prior consultation with the Dominions and Colonies, and then only as part of a wider scheme for world trade expansion.

Grants to Research Associations.—Speaking at a luncheon in London, recently before a conference of industrial research associations, the Lord President of the Council (Mr. Herbert Morrison) announced that grants to such associations would form a permanent part of the activities of the Department of Scientific and Industrial Research. Research was useless to industry, he said, unless the results were applied, and Government support of industrial research must be backed by a readiness to use its results. The original plan had been that monetary grants would cease when research association had grown to proper stature.

Londonderry Associates.—Principal business at a general meeting of the Londonderry group of the associates' section of the Ulster Chemists' Association was the election of

new Committee to replace the provisional one elected at the inaugural meeting. The following were elected: Pharmaceutical chemists, Messrs. D. McCafferty, T. H. Hamilton, W. Taylor and Miss A. Burns; Assistants, Messrs. A. Williamson and J. Mann; Apprentices, Mr. D. Boggs and Miss M. Healy. At a committee meeting held afterwards, Mr. D. McCafferty was re-elected *Chairman*, Mr. W. Taylor was elected *Treasurer*, and Mr. T. H. Hamilton *Secretary*.

Romford Pharmacist's "Innings."—At the annual meeting of the Romford Branch, National Pharmaceutical Union, on November 5, the chairman (Mr. A. W. Daniel, M.P.S.) made reference to his "not-out innings" of fifty-two years in pharmacy. His strongest impression, he said, had been the lack of co-operation between doctor and pharmacist during that period. For example, it would be difficult to imagine a surgeon in touch with retail pharmacy condoning the English system of dispensing ointments in tins or boxes; he thought the Continental system of ointments in tubes should have been made compulsory in this country forty or more years ago.

Presentation to New Director.—To mark his appointment as a director of Boots Pure Drug Co., Ltd., a presentation was made to Mr. John Boyd, 21 Midmar Gardens, Edinburgh, at a gathering of representatives from Scottish branches of Boots, Ltd., in Edinburgh on October 30. Mr. A. J. Innes (territorial general manager, East Scotland) presided, and the presentation was made by Mr. M. Gillespie (T.G.M., West Scotland). Tribute to Mr. Boyd's sterling qualities was paid by Mr. J. A. Stretton (head of retail staff department). Mr. Boyd has been for twenty years territorial general manager for the company in the East of Scotland. He is an elder of St. Catherine's-the-Grange Church, Edinburgh.

Municipal Election Successes.—Councillor William Ford, M.P.S., High Street, Lydd, and Councillor L. A. Kirkland, M.P.S., Church Road, New Romney, were again successful in the municipal elections on November 1. At Andover, Hants, Mr. John Ponting, M.P.S., headed the poll, as did Mr. Milo Turner, M.P.S., in the Bolewall ward of Tamworth, Staffs. In the North of Scotland, Mr. A. D. Mackenzie, M.P.S., headed the poll at Inverness, as did Mr. J. M. Anderson, M.P.S., at Forres. Mr. Roderick Smith, M.P.S., was returned at Stornoway, Mr.

Herbert Spence, M.P.S., at Stromness, Mr. George Cruickshank, M.P.S., at Turriff, Mr. Robert Webster, M.P.S., at Huntly, and Mr. J. J. Stone, M.P.S., in the Portobello ward of Edinburgh.

Address on Food Labelling.—Members of Leeds Branch of the Pharmaceutical Society were given an address recently by Mr. C. H. Manley, M.A. (Leeds city analyst), on "Food and Drugs." Mr. A. L. Peters presided. Mr. Manley dwelt especially on the new Labelling of Pre-packed Foods Order, which came into operation on November 1. Although it was not compulsory under the Order to state the actual percentages on the label, the speaker considered the Order a great forward step. He showed a range of pre-packed foods liable to adulteration and requiring labelling, including many normally on sale in the average chemist's shop. In discussion, Mr. G. C. Crummack (secretary of the Branch) explained the Chemists' Friends scheme of proprietary medicines of approved medicinal value, coupled with an assurance that they were not extravagantly advertised. Mr. Manley thought the scheme might well lead to the establishment of a recognised code of standards for "patent" medicines.

Problems of Allergy Discussed.—Liverpool Chemists' Association and Branch held a meeting on November 8, when Mr. C. Beaven, Ph.C., gave an illustrated lecture on "The Riddle of Allergy." Alderman W. J. Tristram, J.P., presided. He said that the meeting was the first during six years at which the subject had not been a business topic. Mr. Beaven said the study of allergy was still in its infancy. As many as 50 per cent. of the population had become allergic to some substance or condition at one time or another during their lives, and it was believed that 50 per cent. of allergy ran in families. Sensitivity had been revealed to blood transfusions, to dust, and materials such as silk, feathers, waxes, cosmetics, etc. Mr. Beaven discussed the common mechanism of anaphylaxis, clinical allergy, antigens and the antibody theory, the histamine concept and diagnosis and treatment of the conditions. Following a brief discussion, Mr. W. H. Humphreys proposed, and Dr. F. A. Barrie seconded, a vote of thanks.

Harveian Oration.—At the Royal College of Physicians, London, recently, the annual Harveian oration, first given by Harvey in 1656, was given by Dr. John Parkinson, physician to the cardiac depart-

ments of the London Hospital and National Heart Hospital. Dr. Parkinson said the main source of heart disease up to the age of forty was rheumatic fever in childhood. Damage was done between the ages of five and fifteen; up to the age of twenty, rheumatic fever exceeded tuberculosis as a cause of death. Almost one-tenth of all rejections for the Services during the war had been on account of heart disease, and in peace-time the economic loss could be judged from the fact that the duration of working life in victims of the disease was on an average no more than ten years. Poverty and overcrowding were basic causes, and any improvements the Government made in these directions would reduce the incidence of rheumatic heart disease. There was almost unanimous opinion that compulsory notification of rheumatic fever would be essential to progress, and there should be created a rheumatic fever committee to co-ordinate research and plan for the future.

Gaelic Athletic Association.—Mr. P. C. Cahill (chairman) presided at the annual meeting of the Chemists' Gaelic Athletic Club, held recently in Dublin. The reports of the treasurer and secretary were regarded as satisfactory and adopted. The secretary (Mr. Seamus Fox) reported that, out of nine Intermediate League matches played, the Club had won seven, and had a chance of heading the League. A new set of rules was ratified, and an appeal made to all Gaelic footballers in pharmacy to join the club of their own profession. Mr. J. K. Whelehan (president, Pharmaceutical Society of Ireland) was elected patron, with the following officers for the year: *Chairman*, Mr. P. C. Cahill; *Vice-chairman*, Mr. Peter Rosney; *Treasurer*, Mr. T. J. Banks; *Secretary*, Mr. Seamus Fox; *Assistant Secretary*, Mr. Terry Cosgrove; *Senior Captain*, Mr. T. O'Keefe; *Senior Vice-captain*, Mr. J. McLoughlin; *Junior Captain*, Mr. T. Cosgrove; *Junior Vice-captain*, Mr. J. Cassidy; *Committee*, The officers and Messrs. P. Leyden, Charles Ward, B. Kissane and P. Slattery. The Club is holding a social on November 28; tickets may be obtained from any of the officers or committee members.

Newcastle-Durham Joint Meeting.—The Newcastle District and Northumberland Branch of the Pharmaceutical Society held a joint meeting with the Durham County Branch at Newcastle on November 7, when about forty were present. A motion "That the pharmaceutical educational authorities over-estimate the importance of the pro-

fessional aspect of pharmacy" was debated Messrs. Hudspith and Hughes speaking for the motion, and Messrs. Nichols and Ridley against. The motion was lost by nineteen votes to twelve. Discussion brought out the point that the scientific side of the business was the only part regarded as worthy of notice by those arranging the educational system, who had risen to such heights that the syllabus was barely covered in the time allotted to it. The majority of pharmacists in earning their livings, used only a fraction of the knowledge so arduously gained. It was felt, too, that the standard of training should be related to the reward gained. Against the motion it was urged that greater knowledge was good in itself, and that it raised pharmacists' status in the eyes of the medical profession. Several speakers mentioned that the training was designed to cover all pharmacists and not those in retail only. Refreshments were provided by the Newcastle Branch, National Association of Women Pharmacists. A collection in aid of the Society's Orphan Fund amounted to £2 4s.

Birmingham Scientific Section.—Mr. F. A. Gunn presided at a meeting of the scientific section of the Birmingham Pharmaceutical Association on October 30, when Professor H. Berry (dean of the College of the Pharmaceutical Society) read a paper on "Modern Ointment Bases." He referred to current cosmetic practice and said it offered a variety of new products, some of which were undoubtedly adaptable for dermatological practice. Many of the new emulsions were proprietary and composite. There might be difficulty in including them in official preparations, and although many pharmaceutical suggestions had been published as to the value of such bases for dermatological practice, little clinical data had appeared. Professor Berry thought much of the criticism of hydrous ointments was ill-founded. The ointment was an emulsion, and probably pharmacists had tended to lose the art of preparing such preparations. Its stability depended upon the degree of subdivision of the dispersed phase; consequently the preparation was improved when an emulsion machine or mill was substituted for a pestle and mortar. Soft paraffin required a "consistency standard. A melting-point was not sufficient character. Mr. E. W. Mann, confirming this view, recalled that he always finally evaluated soft paraffin by a spatula test. The speaker informed Dr. Ackermann that dermatologists were consulted in the compilation of pharmacopoeial ointments.

OFFICIAL ANNOUNCEMENTS

Telegrams to Hungary.—Telegrams to Hungary are at present subject to a delay of several days, owing to technical difficulties.

Imports from Channel Islands.—The Board of Trade announces that licences are no longer required to import goods from the Channel Islands, with certain exceptions including dyestuffs.

Soap for Chimney Sweeps.—Persons whose sole or full-time occupation is that of chimney sweep are now eligible to receive one additional ration of soap per week. Personal application may be made to the local food office for form Soap I.C., which must be submitted with the applicant's ration book.

War Surplus Disposal.—The authority to deal with War Department stores for disposal, other than textiles and accommodation stores, is the Ministry of Supply, War Surplus Stores Division, Great Westminster House, Horseferry Road, S.W.1. No power resides in the ordnance administration of any Commands.

Applications for Coupon Grants.—From November 1 applications for grants of coupons to enable new or returning retailers to obtain stocks of non-food rationed goods are being dealt with at offices of the Regional Controllers of the Board of Trade. Applicants should first ascertain from the local price regulation committee whether a retail licence is required to deal in the commodities for which they intend to apply for coupons.

"Black List" Changes.—A new Order came into force on November 3 containing amendments to the Board of Trade "black list" of traders abroad with whom it is unlawful to have dealings. Copies of the Order—the Trading with the Enemy (Specified Persons) (Amendment) (No. 11) Order, 1945 (S. R. & O., 1945, No. 1338)—are obtainable from H.M. Stationery Office, price threepence.

Shipments to Middle East.—The Ministry of War Transport announces agreement with the United Kingdom Commercial Corporation that from November 1 the Corporation ceased to be responsible for acceptance and registration of cargo for shipment from the United Kingdom to the Eastern Mediterranean area, Red Sea, and Persian Gulf. From that date shippers have had to register with the Liner Conferences concerned. Instructions are being issued by

the shipping companies to all shippers, giving information as to steps to be taken.

Purchase Tax on Dry Shavers.—It is announced by the Commissioners of Customs and Excise that hand-operated dry shavers, heads for hand-operated dry shavers, and hand-operated hair clippers are regarded as chargeable with purchase tax at the rate of 33½ per cent. of the wholesale value, irrespective of whether they are intended for personal or for professional use.

Non-standard Salad Dressing.—The Minister of Food had made an Order amending the Pickles and Sauces Order to provide that non-standard salad dressings are subject to the same restrictions in respect of transportation as salad cream and mayonnaise and determining maximum prices for any salad sauce or dressing other than salad cream or mayonnaise (prices for which are unaltered). The Order came into force on November 1, in respect of transportation and first-hand sales; on February 1, 1946, in respect of sales by wholesale; and on May 1, 1946, in respect of sales by retail.

Soap-rationing Scheme.—Coupons to be cut out of the ration books for ration period 5 (November 11 to December 8) are marked "K" on p. 15. An upright pair of two small squares forms one whole coupon, which is cut out on each ration. The coupons available during ration period 5 are the two numbered 17/18 and 19/20. From ration books R.B.1, 2 and 4, each is worth two rations, a ration being equivalent to 3 oz. toilet soap, soap flakes or chips; 4 oz. hard soap; 6 oz. soft soap or No. 1 soap powder; 12 oz. No. 2 soap powder; ½ pt. No. 1 liquid soap; or 1 pt. No. 2 liquid soap. Coupons collected during ration periods 3 and 4 should have been returned by retailers to local food offices by November 17. An Order has also been made amending the Soap (Licensing of Manufacturers and Rationing) (No. 2) Order, 1945, No. 1153. The amending Order provides that, from January 6, 1946, traders may not obtain or supply any soap for the purpose of resale except under and in accordance with the provisions of the amending Order. Notices explaining the new scheme have been sent direct to traders, but any retailer who has not received copies of the notices should apply at once to his local food office; wholesalers should apply to the Divisional Food Office.

LEGAL REPORTS

Comb at Excessive Price.—Philip Ellis, a market trader, George Street, Salford, appeared before the Warrington magistrates on October 25, charged with selling at 2s. a comb for which the controlled price was fivepence. He was ordered to pay £2, with £1 is. costs.

Camera Theft Charge.—In the Dublin district court, Eire, recently, Kevin Byrne, labourer, and Patrick Gurr, were remanded on summonses of having stolen a carrier bicycle and fourteen cameras (valued at £33), the property of Kodak, Ltd., Rathmines Road, Dublin.

Committed for Trial.—At a special session of the Stourbridge court on November 13, Christopher Ernest Williams, 24 Collingham Place, London, S.W.5, was charged with unlawfully causing the death of a woman on October 10 by feloniously using an instrument on her in an attempt to procure a miscarriage. Williams, who qualified as a chemist and druggist in 1920, was committed for trial at Worcestershire Assizes, bail being refused.

Patent Extension Claim.—The Dunlop Rubber Co., Ltd., has taken out an originating summons, dated December 11, asking that Letters Patent granted to them and to David Christie Campbell for the invention of "A New or Improved Hot Water Bottle and Manufacture Thereof" (August 20, 1929, No. 331,733) may be extended for a further period of five years and nine months. Objections must be lodged eleven days before that date at Room 156, Royal Courts of Justice, Strand, London, with a copy to Clifford-Turner & Co., solicitors, 1 Queen Victoria Street, London, E.C.4, and to the solicitor to the Board of Trade.

In Possession of Morphine.—In the Dublin district court recently, George Burrows, who gave his address as the Night Shelter, Back Lane, Dublin, was charged with having morphine in his possession on four dates in July and August, contrary to the provisions of the Dangerous Drugs Act, 1934. He was also charged with forging a prescription in the name of Dr. P. J. Gaffney, Gardiner's Row, on July 31, and uttering it to Mr. D. J. Murphy, M.P.S.I., Lower Dorset Street, Dublin. Burrows pleaded guilty, but urged that imprisonment had never done him any good. He asked to be allowed to go to a mental hospital, but the justice pointed out that he could not be detained there. He was sentenced to three months' imprisonment.

COMPANY NEWS

DEMOSA BEAUTY PRODUCTS, LTD. (P.C.).—Capital £500. Objects and other particulars similar to Brontik Laboratories, Ltd. (below).

WARREN, STANLEY & Co., LTD. (P.C.).—Capital £1,000. Chemists, herbalists, etc. Arthur J. Stanley, M.P.S., and Winifred B. Stanley, directors. R.O.: 196 Station Road, Edgware.

BRONTIK LABORATORIES, LTD. (P.C.).—Capital £500. Chemists, drug merchants, etc. Arthur J. Stanley, M.P.S., and Winifred B. Stanley, directors. R.O.: 196 Station Road, Edgware.

VILLA LABORATORIES (EIRE), LTD. (P.C.).—Registered in Dublin. Capital £21,500. Manufacturers and sellers of creams, dyes, cosmetics, toilet requisites, etc. Cecil J. Taylor, Carlisle, director.

BELSTON, LTD. (P.C.).—Capital £3,000. Wholesale and retail chemists and druggists, etc. Arthur Crick, M.P.S., Vivian Ross, M.P.S., and W. Eckford, directors. R.O.: 70a Bank Street, Maidstone.

UNIVERSAL COMMODITIES (LONDON), LTD. (P.C.).—Capital £1,000. Manufacturers, wholesalers, importers and exporters of toilet goods and sundries, etc. Gerald D. Leigh, director. R.O.: Fulwood House, Fulwood Place, London, W.C.1.

G. W. RILEY, LTD. (P.C.).—Capital £100. Chemists, druggists, manufacturers of and dealers in chemicals, drugs, photographic requisites, etc. Herbert E. Riley and James J. Thomas, directors. R.O.: 13 College Road, Handsworth, Birmingham.

JOSEPH GALE (CHEMIST), LTD. (P.C.).—Capital £3,000. To acquire the business of a chemist and druggist formerly carried on by Joseph Gale at 678 Christchurch Road, Boscombe, Bournemouth. George S. Shaw and Robert Gaunt, M.P.S., directors. R.O. As above.

BRITISH CELILYND, LTD.—Mr. Parkin Booth, F.C.I.S., has been appointed director.

EVANS SONS LESCHER & WEBB, LTD.—An extraordinary general meeting of the company has been called for the purpose of asking the shareholders to approve the changing of the name to Evans Medicine Supplies, Ltd. The directorate, management, policy and financial ownership of the company will remain unchanged, and the alteration in name is recommended solely for brevity and descriptive convenience.

TOPICAL REFLECTIONS

Training for Ex-Service Men

Business training for men released from the Forces is a subject of the utmost importance; your editorial article outlining the scheme of the Ministry of Labour and National Service for such men (p. 495) is therefore timely, and the facts there given should be noted by all interested. The knowledge that can be acquired in a three-months' course depends primarily on the alertness of the student; given a satisfactory teaching staff, there seems to be no reason why this period should not suffice in average cases. Students of limited means may, of course, find it necessary to take up work of some kind and enter their names for part-time training. Among them, judging by past experience, will be men with first-rate brains, potential leaders in commerce and industry in the near future. The fact that for the first few weeks of employment they will be liabilities rather than assets to their employers should not disqualify them for being paid a "living wage," nor should they, when their course of training is completed, be compelled to resume work on the same footing as untrained persons. The aim in view is efficiency in every part of the business community; and only by efficiency can a rising standard of living become practicable on a short-term policy. The driving of hard bargains with men who approach the employment market with little capital beyond brains and good character will tend to discourage them and to retard efficiency.

Departmental Decisions

The increased space allotted under the new arrangement to your reports of Parliamentary proceedings is already justified by the increasing interest of this section. Two incidents reported on pp. 60-81 throw light on the attitude of Government departments to proposals that appear to have no more influential backing than that of common sense. Questioned about the possibility of remitting purchase tax on "some of the more simple and household remedies," the Financial Secretary to the Treasury gave a non-committal reply to the effect that the tax would remain for an unspecified duration. A member of the House of Commons interjected: "Cough mixture only poisons children"; and the Treasury may possibly be of opinion that medicaments of all kinds do more harm than good. At another sitting of the House, the President of the

Board of Trade was asked whether he would arrange for the purchase of surgical appliances to be coupon-free. The answer was that surgical appliances "which were not a substitute for ordinary clothing" were already coupon-free, and that additional coupons were "normally" given to people wearing appliances for the first time. One of the best lines in a revue now running in a London theatre is, "He has two brothers living and one in the Board of Trade." Distinctions based on such concepts as "ordinary" clothing strike me as pedantic. On the other hand, there was a refreshing and commendable basis of statistical information in a reply by the President of the Board of Trade on the subject of sanitary towels. In giving the figures of production and consumption, Sir Stafford Cripps disclosed, no doubt with full intention, how manufacture was following so closely on the heels of demand that a small matter of V.J. holidays was sufficient to dislocate distribution and cause hardship.

N.H.I. Difficulties

The editorial comment "As Others See Us" (p. 493), and the article (p. 486) to which it refers, draw attention to certain difficulties, some general and some specific, in National Health Insurance dispensing. The difficulties, though of long standing, are still worth examination; but the author's solution of them admittedly rests on the precarious basis of outside knowledge. Is it true that the "college output of pharmacists" is "greatly in excess of real dispensing demands"? Again, how can one "put a check to modern tendencies"? The process, whatever it is, seems to bear a close resemblance to that of putting the clock back. And in passing I may point out that the use of the phrase "the necessities of life," common as it is at the moment, shows a disregard of the distinction between necessities and necessities. The suggestion of a differentiation in fees between panel chemists who serve on a rota for late dispensing and others who do not is ingenious and, I think, new. As medical practitioners on insurance panels have an analogous scheme, it is worth while to consider the proposed plan for limiting the scope of a rota. A sharp rise in fees payable when N.H.I. dispensing is done after closing hours would help to reduce the number of "urgent" prescriptions. Some of these are in all probability concessions to favouritism or fuss.

Xrayser

THE WEEK IN PARLIAMENT

by a Member of the Press Gallery, House of Commons

A GOVERNMENT defeat on a point involving a vital principle of workmen's compensation, followed by a "rebellion" that mysteriously faded out at the last moment; a Government Bill that, on present showing, will enable British citizens and traders to be prosecuted for disobeying an order they had not even had the opportunity to read; and the statement that the Ministry of Food is to continue into peace-time, have been the highlights of the past week.

The defeat of the Government was the work of a group of Labour members in the Standing Committee considering the Industrial Injuries Bill. Led by Mr. Tom Smith, they succeeded in obtaining the deletion of the waiting period of three days. In other words, a man who is injured will receive compensation immediately, instead of three days later—as has always been the case in legislation on compensation.

Debate on this matter was keen and warm. Mover of the amendment to delete the waiting period was Mr. HAROLD NEAL, who said that waiting days had always been an enigma to the injured workman. Why should he have to wait at all? Waiting days were based on the assumption that an injured workman and his family could live "on the wind" for the first three days.

A succession of speakers supported the amendment, and then the Parliamentary Secretary to the Ministry of National Insurance, MR. LINDGREN, promised that, if the amendment was withdrawn, the Minister would look at it in relation to the National Health Insurance Act and the Unemployment Insurance Act.

The "rebels" sought an assurance that this meant that, if the Committee decided against the three days, the Minister would follow that as a policy for his other insurance Bills, but Mr. LINDGREN fought shy of that. He pointed to the costs and said there must be a relation of contributions by workers to their ability to pay.

Mr. Tom Smith and his friends, however, took the matter to a division and defeated the Government by 18 to 11. So at the moment, the waiting period is deleted from the Bill, and the defeat may have far-reaching results on the Labour Government.

The Standing Committee on the Bill met again on November 8 and again opposition was in the air. It had been said that Mr. Smith and his friends were going to demand radical increases in the benefits of the Bill.

Certainly, in the early stages of the debate they appeared threatening enough, but they did not oppose the Government.

Meanwhile, MR. JAMES GRIFFITHS, the Minister, had moved an amendment himself to increase benefits from 40s. to 45s. a week. He compared the Bill with the Workmen Compensation Acts, under which a single person, after permanent injury, received 35s. a week for 13 green weeks and thereafter 40s. Under the Industrial Injuries Bill, however, the rate would be 45s. a week for twenty-six weeks, and at the end of that time the injured person would be assessed for disablement benefit.

Statutory Instruments Bill

THE SOLICITOR-GENERAL had a rough passage with his Statutory Instruments Bill on November 6. He described it as an effort to bring uniformity into the presentation regulations by which Government Departments run the country nowadays. He proposed that all departments issuing an order should have printed on it the date on which it came into operation, and that at the same time the Treasury should make return to Parliament at specific periods, calling attention to any orders which had not been laid before Parliament.

Opposition members, however, did not take kindly to this Bill at all. They pointed out that already the Treasury had complained of non-publication of these various orders, and they suggested that the Treasury should be put under an obligation to hold of copies of all orders.

The SOLICITOR-GENERAL resisted this, however, saying that the Stationery Office printed the orders, and that it was also part of the Treasury. At the same time, he admitted that there was no obligation on the Stationery Office to provide the Treasury with a copy.

Opposition members pointed out that British respect for the law could not continue if people did not know what the law was. And the departmental orders and regulations could not be challenged in Parliament—the ordinary man's last resort—if Parliament had not had the orders.

From the Government side, MR. FLETCHER congratulated the Government on introducing the Bill so early in his career—as the Government's programme would involve a great deal of delegated legislation.

The most devastating criticism came from Mr. CHARLES MACANDREW, chairman of the Select Committee on Statutory Rules and Orders, which is Parliament's watchdog on the Departments. He pointed to the phrase in the Bill saying that regulations must be laid before Parliament "as soon as may be," and wanted to know how long that implied. It might mean six months. The Statutory Rules Committee did not deal with orders until they were laid before the House—was this a backdoor way of getting behind the Committee?

The fight went on for three hours, and at the point Mr. SILVERMAN, a Labour member, while supporting the Bill on general principles, admitted that as a solicitor he had once had a client who was prosecuted under regulations which were never published and only remained in force for four years—during which time his client unfortunately contravened them and was convicted.

Ministry of Food to Stay

The announcement that the Ministry of Food is to stay was made on November 7, when SIR BEN SMITH stated that during the war the Government exercised control over the procurement, distribution and price of most essential foods. The Ministry of Food, which has been the Department responsible for carrying out this policy, will continue as a separate and permanent Department of Government. So long as food shortages continue, the war-time system of food control and rationing must, in the main, be continued.

"It would be wrong," concluded SIR BEN, "to assume that there will be an automatic return to all the conditions which existed before the war. Subject to the general principles already indicated, the methods necessary for achieving the Government's long-term food policy will be considered in relation to each foodstuff, and detailed plans will be worked out. Consultation with non-official interests will take place."

Surgical Boots

Surgical boots were the subject of a question by Mr. GODFREY NICHOLSON, on November 8. He asked the Minister of Labour to what extent there was a shortage of labour for the manufacture of surgical boots for disabled ex-Servicemen; and what the Government was taking to improve the situation. Mr. ISAACS replied that this work was being done by skilled, and though the number of unskilled vacancies was relatively small, suitable qualified applicants were hard to

find. Where suitable workers became available, they were placed, if possible, with firms making surgical footwear. His officers were in close touch with the Ministry of Pensions and Board of Trade.

Health Matters

Colds, influenza, diphtheria and the supply of doctors for the winter formed the subject of written questions to the Minister of Health on November 8.

COMMANDER MAITLAND asked whether the Minister would "in view of the number of working days lost during the winter months by epidemics of the common cold and influenza" initiate without delay a nation-wide campaign to encourage the voluntary use of inoculation against these diseases, and for the inoculation to be given at the State's expense?"

MR. BEVAN replied that he was advised that the general results so far obtained of inoculation against the common cold and against influenza were not such as to justify the measures suggested.

In reply to another question by Mr. FREEMAN on the immunisation of children against diphtheria, MR. BEVAN gave statistics since 1940. The numbers of children under fifteen immunised against diphtheria in England and Wales under local authorities' arrangements during the past five years were:—

1940 and 1941	..	..	2,365,400
1942	..	..	1,399,750
1943	..	..	1,039,490
1944	..	..	561,320

In the same period, during which diphtheria mortality in this country fell by nearly two-thirds, of 135,431 children notified as suffering from diphtheria, 17,084 were immunised and 118,347 not immunised; and of 3,346 children who died from diphtheria, 118 were immunised and 3,228 not immunised.

The cost of carrying out immunisation fell on local authorities, continued MR. BEVAN, except for the cost of the toxoid, supplied to them free by the Government, which had averaged about £13,500 a year.

Purchase Tax on Cine Stock

Removal of purchase tax from 16-mm. film stock and equipment was requested in a question to the Chancellor of the Exchequer on November 8, and was urged in view of the fact that standard film stock and equipment were not subject to this tax.

MR. DALTON, in reply, said "No. I am afraid I cannot do this at present."

TRADE NOTES

Palestine Agencies.—Boris Waisbourd (Chemicals), Ltd., agents, distributors and importers, 3 Haalya Street, Tel-Aviv, Palestine, invite intending exporters to the Palestine market to get in touch with them.

Prices Reduced.—Reduced* prices for Tabloid sulphadiazine, 0.5 gm., are announced by Burroughs Wellcome & Co., 183-93 Euston Road, London, N.W.1. Particulars may be obtained from the makers.

Distribution in Western Europe.—Laboratoires Pantha, 51 rue du Poinçon, Brussels, Belgium, offer to act as agents or exclusive buyers for pharmaceutical and medicinal preparations in Belgium, Holland, Luxembourg and Scandinavia.

Emulsifiers.—Technical inquiries relating to the use of Tegin-Romos and other emulsifiers in the pharmaceutical, cosmetic, chemical and other industries, are invited by the manufacturers, Chemical Products, Ltd., 20-22 Northgate House, Moorgate, London, E.C.2.

Five-day Week.—As a measure of economy, particularly in fuel, the directors of Whiffen & Sons, Ltd., chemical manufacturers, Carnwath Road, Fulham, S.W.6, have decided to close their factory, office and laboratories on Saturdays as from November 12.

Drug-trade Goodwill in Eire.—An announcement is made by the Irish Drug Association, 12-14 College Green, Dublin, C.1, urging manufacturers who wish to distribute pharmaceutical preparations in Eire to consult the Association before attempting distribution.

Now Exempt from Tax.—Plastules of desiccated hog's stomach are now exempt from purchase tax, but the makers, John Wyeth & Brother, Ltd., Clifton House, Euston Road, London, N.W.1, point out that no rebate of tax is allowed on goods in retail stock if they have already borne the tax.

Treatment of Rheumatoid Arthritis.—Indicated in treating rheumatoid arthritis, Arthrytin calciodoxyil benzoate, manufactured by May & Baker, Ltd., Dagenham, is also suggested by the manufacturers as likely to be helpful for relieving symptoms of osteo-arthritis and in the treatment of leg ulcers associated with faulty circulation. Details of supplies are given on the front cover of this issue; technical information

may be obtained from the company's medical department.

Perfumed Disinfectant.—Elto (Chemists) Products, Ltd., manufacturers of Eltorine perfumed disinfectant, 81-83 Oxford Street, Glasgow, C.5, offer their product in 2-drachm pyramid bottles for spraying. The preparation is stated to be a combined deodorant and disinfectant and is obtainable variously perfumed.

Quinine Manufacture.—Howards & Sons, Ltd., Ilford, point out that they first started the manufacture of quinine and its salts in 1823, and that they continued to do so without a break until supplies of cinchona bark were cut off during the present war. The company hopes soon to resume manufacture of their quinine salts and tablets.

Neutral Preservatives.—Attention is drawn in this issue to the range of Nipal esters, for use as preservatives and antiseptics in pharmaceutical, medicinal and cosmetic products. The makers are Nipal Laboratories, Ltd., Treforest Trading Estate, Cardiff; distribution is through P. Samuelson & Co., 17 Creechurch Lane, London, E.C.3.

Tablets in Place of Granules.—Bengué & Co., Ltd., Mount Pleasant, Alperton, Wembley, Middlesex, are now presenting Agocholine in tablet form, owing to lack of sugar for manufacturing purposes, each tablet containing the same active ingredients as were formerly contained in one teaspoonful of Agocholine granules. The new pack contains twenty tablets (instead of twenty teaspoonfuls of granules). The price is unaltered.

Preparations for Business Development.—After three months' work in London, Mr. J. L. Hindle (managing director, Standard Synthetics, Ltd., essential oil distillers, 76 Glenham Road, Barnes, London S.W.13) left for New York on November 1. He will spend some time with the American company, Standard Synthetics Inc., West 26th Street, New York, 10, arranging for export and import business in essential oils and aromatics. As soon as restrictions and controls on business are relaxed, the company will offer a full range of raw materials and aromatics. The Barnes factory is in production, and output will increase as materials become available. Rectification of essential oils and the manufacture of synthetics from customers' own materials are undertaken.

BUSINESS CHANGES

MR. C. J. DOHERTY, M.P.S.I., has opened a pharmacy at Newport, co. Mayo.

MR. DAVID MURPHY, M.P.S.I., has opened a pharmacy at Kilmainham, Dublin.

MR. JOHN J. POWER, M.P.S.I., has opened a pharmacy at 36 Lower Camden Street, Dublin.

MR. W. J. MAGEE, Ph.C., has opened a pharmacy at Main Street, Edgeworthstown, co. Longford.

SCOTTISH CO-OPERATIVE WHOLESALE SOCIETY, LTD., have opened a pharmacy at Hawick, Roxburghshire.

THE NORTH-EAST MIDLAND PRESCRIPTION BUREAU has removed to 28 Kenwood Park Road, Sheffield, 7.

SANGERS, LTD., have retransferred their offices from their war-time address to 258 Euston Road, London, N.W.1.

MR. JAMES SMITH, M.P.S., has acquired the pharmacy of Mr. J. W. Gray, M.P.S., 9 Broad Street, Denny, Stirlingshire.

MR. ARTHUR H. BENTLEY, Ph.C., Bolton, is shortly going to China as a representative for Burroughs Wellcome & Co., London.

THE NORTH BRITISH RUBBER CO., LTD., is being given immediate possession of part of the Arroll-Johnston works, Dumfries.

W. & J. GEORGE & BECKER, LTD., laboratory furnishers, have returned to 17-19 Hatton Wall, London, E.C.1. (Telephone: Chancery 6011).

THE FOOD STANDARDS AND LABELLING DIVISION, Ministry of Food, is transferring, on November 17, to 28 Lancaster Gate, London, W.2 (Telephone: Paddington 1811).

MR. T. M. WILLCOX, delegate managing director of the Dyestuffs Division of Imperial Chemical Industries, Ltd., has been released to take up the post of general manager of the Clayton Aniline Co., Ltd.

RETAIL LICENCE APPLICATIONS.—Kingsley Pharmacy, Ltd., to conduct, at 40-42 Kingsley Road, Liverpool, 8, a business in drugs, etc., carried on by Frederick Hamby at the period December 1, 1940, to October 3, 1941.

COMMANDER G. S. WOOLLEY, R.N.V.R., vice-chairman of James Woolley, Sons & Co., Ltd., Manchester, and J. C. Arnfield Sons, Ltd., Stockport, has been demobbed and has returned to business. Commander Woolley was twice mentioned in dispatches.

DEMANDS FOR FRENCH PERFUME

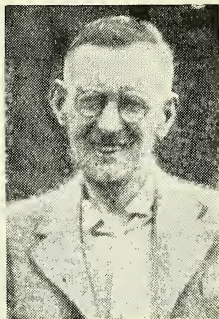
by a Paris Correspondent

OVERSEAS requests for French perfumes are pouring in at such a rate that, if only they could be satisfied, the sales would run into milliards of francs. This heartening news has led to a rapid review of the industry to see how quickly it can recommence large-scale exports. It appears that almost all industrial installations are intact. The two important works which were damaged by bombardments have been re-equipped and are ready for work. Even the necessary labour is available, for the industry employs mainly feminine non-migratory labour, and the 10,000 workers employed before the war can easily be found. Difficulties crop up when the means of production are examined. The fat employed in non-alcoholic perfume is scarce and only distributed in small quantities, while aromatic ingredients are lacking for the manufacture of alcoholic perfumes. Colonial products such as clove are, however, beginning to be imported regularly. Paper and cartons for wrapping and storing are almost completely lacking.

The situation in the region which provides the floral sources indispensable for the production of essences is fairly satisfactory, Grasse having suffered little from the events of the past year. It is also encouraging to French producers to note that the war has not encouraged other countries to take the lead in the realms of perfume production. Only in America has the production of beauty preparations been intensified, and French manufacturers feel that types of U.S. productions does not offer competition with the best that France can produce. The same is true of South America, which has equipped itself to manufacture perfumes of a secondary quality. Two questions that concern the perfume industry are the absence of commercial agreements and the disparity between internal and external prices. The problems are really Government concerns, and the industry points out that before the war the French perfume industry contributed about 600 million francs towards maintaining the commercial balance. The two principal buyers were the United States, with 22 million francs, and Great Britain, with 18 millions. The Office Professionnel has grouped together ninety-five luxury trades which are attempting to renew contracts outside France, and a series of exhibitions comprising national products will tour the capitals of many countries.

PERSONALITIES

MR. CLIFFORD HENRY JAMES, M.P.S., Oldfield Park Pharmacy, Bath, who was appointed chairman of the Bath Branch of the Pharmaceutical Society at its annual meeting recently (*C. & D.*, November 10, p. 477), served his apprenticeship with the late Mr. A. C. Olds, Argyle Street, Bath, and afterwards had experience in London, Bournemouth and Bristol before qualifying from the Bath and West school of pharmacy under Mr. D. J. Williams, B.Sc., Ph.C. He opened his pharmacy at Oldfield Park in 1923, and in 1928 launched out with a central business under the style Westgate Drug Co. Mr. James has served on the committee of the Branch for several years, and is a member of the Pharmaceutical and Pharmaceutical War Committees. For several years he acted as local correspondent to *THE CHEMIST AND DRUGGIST*.



COUNCILLOR J. T. HACKETT (chairman, J. T. Hackett & Co., manufacturing chemists, Vauxhall Road, Liverpool) has been installed Mayor of Bootle.

COUNCILLOR REUBEN HUDSON, M.P.S., was installed mayor of Burnley on November 9. Mr. Hudson is a member of Burnley Insurance Committee and secretary of Burnley Pharmaceutical Committee.

MR. ARTHUR J. GILLIAN (general secretary, Chemical Workers' Union) has been elected an alderman of the Southwark Borough Council. He was chairman of the authority's Public Health Committee, 1934-45.

COUNCILLOR EWART WOOLLEY, J.P., a director of Cupal, Ltd., manufacturing chemists, has been elected president of Blackburn Branch of the British Legion. He was recently demobilised after serving as a lieutenant in the Royal Naval Volunteer Reserve.

PROFESSOR JAMES SMALL, Belfast, is the author of a monograph on, and series of tables illustrating the geological history of species number in diatoms, given in the "Proceedings of the Royal Irish Academy" (50 B. 17).

COUNCILLOR J. W. HUDDART, J.P., M.P.S., Blackpool's new deputy mayor, was first elected to the town council in 1938. He is vice-chairman of the Education Committee, a past president of Blackpool Chamber of Trade and Rotary Club, and a member of the Insurance Committee.

MR. FRANK HART, who took first place, with honours, at the recent Licence examination of the Pharmaceutical Society of Ireland, was educated at the O'Connell Schools, Dublin, and Catholic University School. He served his apprenticeship with Mr. B. J. McCloskey, M.P.S.I., Clontarf.

MR. LESLIE C. MARKS, managing director of Cresswell Brothers & Marks (International Sponge Importers, Ltd.), has returned to England from Greece, where he has been making an extensive tour of the sponge-fishing centres and the company's packing depot and warehouse on the island of Aegina.

DEATHS

BILLYARD.—On October 30, Mr. William Frederick Billyard, M.P.S., 7 Collins Avenue, Blackpool, aged seventy-eight. Mr. Billyard was for forty-seven years head pharmacist at St. Mary's Hospital, Manchester.

HEALEY.—At Dilkusha, Hartsville Avenue, Penrhyn Bay, Mr. Herbert Beaconsfield Healey, formerly of Southwold, Kingston Road, Bridlington, Yorks, aged sixty-three. Mr. Healey qualified as a chemist and druggist in 1905.

LINES.—On October 25, Mr. Robert Joseph Lines, M.P.S., 20 Royal Parade, Greevegate, Hunstanton, Norfolk, aged fifty-four.

MINNS.—On October 21, Mrs. Flora Hoggarth Minns, M.P.S., 4 New Broadway, Hillingdon Heath, Uxbridge. Mrs. Minns qualified in 1907.

TAYLOR.—At Redcliffe, Skelmorlie, on November 8, Mrs. Kate Stevens Taylor, widow of the late Mr. John Taylor, wholesale chemist, Trongate, Glasgow, aged ninety-one.

TAYLOR.—On November 2, Mr. Edward Taylor, Ph.C., Oak Hall, Pleshey, nr. Chelmsford, aged eighty-six. Mr. Taylor qualified as a chemist and druggist in 1882 and as a pharmaceutical chemist in 1889.

WOOD.—On November 3, Mrs. Isabel Wood, the wife of Mr. J. F. Wood, M.P.S., 7 Broadwater Street West, Worthing, formerly of Stafford.

COMING EVENTS

Monday, November 19

ROYAL SOCIETY OF ARTS, John Adam Street, Adelphi, London, W.C.2, at 1.45 p.m. Dr. F. C. Bawden, M.A., on "Virus Diseases of Plants" (first of three Cantor lectures).

Tuesday, November 20

PRODUCTION CONTROL RESEARCH GROUP, Livingstone Hall, Broadway, London, S.W.1, at 6.30 p.m. Mr. D. Tiranti on "A Report on the Actual Installation of Production Control in a Company."

ROYAL SOCIETY OF ARTS, John Adam Street, Adelphi, London, W.C.2, at 1.45 p.m. Mr. G. Macdonald, M.D. (director, Ross Institute), on "Tropical Hygiene and the Overseas Empire."

ROYAL INSTITUTION, 21 Albemarle Street, London, W.1, at 5.15 p.m. Mrs. Kathleen Lonsdale, D.Sc., F.R.S., on "Recent Research Work at the Davy Faraday Laboratory" (first of two weekly lectures).

WALSALL BRANCHES, NATIONAL PHARMACEUTICAL UNION and PHARMACEUTICAL SOCIETY, Pattisons Café, The Bridge, Walsall, at 7.30 p.m. Mr. A. L. Bacharach, M.A., on "Penicillin."

Thursday, November 22

GLASGOW AND SOUTH-WESTERN SCOTTISH BRANCH, PHARMACEUTICAL SOCIETY, County Hotel, Dumfries, at 3 p.m. Open discussion.

NORTH WALES BRANCH, CHEMICAL SOCIETY, Department of Chemistry, University College, Bangor, at 5.30 p.m. Professor J. W. Cook, F.R.S., on "Colchicine: its Chemistry and Some Biological Effects."

Friday, November 23

SOUTH WALES BRANCH, CHEMICAL SOCIETY, University College, Cardiff, at 6.30 p.m. Professor J. W. Cook, F.R.S., on "Colchicine: its Chemistry and Some Biological Effects."

EAST HAM AND EASTERN DISTRICT ASSOCIATION OF PHARMACISTS and BRANCH, Stratford Church Institute (No. 1 room), 27 Romford Road, London, E.15, at 7.45 p.m. Mr. Hugh N. Linstead, O.B.E., M.P. (secretary, Pharmaceutical Society), on "The National Health Service in the Light of the General Election."

MRS. HELEN'S SECTION, BRITISH ASSOCIATION OF CHEMISTS, Y.M.C.A. Buildings, St. Helens, at 7.30 p.m. Dr. N. Thorley on "Chemical Analysis by X-rays."

ROYAL INSTITUTION, 21 Albemarle Street, London, W.1, at 5.15 p.m. Professor J. D. Bernal, F.R.S., on "Lessons of the War for Scientists."

Sunday, November 25

CHESTER PHARMACEUTICAL ASSOCIATION. Ramble to Hayfield, Edale and Rushup. Meet London Road Station, 8.15 p.m. Book Hayfield return.

WILLS

MR. THOMAS FRENCH, M.P.S., 79 Thames Drive, Leigh-on-Sea, Essex, left £6,012, with net personality £3,656.

MR. JAMES DAVIDSON, M.P.S., 16 Endersby Road, Harrow, Middlesex, left £1,363, with net personality £534.

MR. HARRIS CHARLES SNOW, M.P.S., 11 Park Gate Road, Wallington, Surrey, left £3,533, with net personality £3,442.

MR. ERNEST SCOTT, M.P.S., 94 Eardley Road, Streatham, London, S.W., left £3,422, with net personality £2,051.

MR. JOHN TOM BELLAMY, Ph.C., Lionmede, Springfield Road, Chelmsford, Essex, left £33,526, with net personality £25,851.

MR. ROBERT JOSEPH AMBROSE, M.P.S., 61 Goldhurst Terrace, London, N.W.6, left £4,047, with net personality £2,794.

MR. CHARLES MARSHALL ROBERT KNAGGS, retired chemist and druggist, Barbeck Cottage, Thirsk, Yorks, left £9,489, with net personality £8,224.

FLIGHT-SERGEANT FREDERICK FRASER, M.P.S., R.A.F., 21 Wallfield Place, Aberdeen, left personal estate in Great Britain valued at £189.

MR. ALBERT BRUCE DOBELL, 25 Foscoate Road, Hendon, London, N.W., for many years chairman and managing director of Prunol Proprietary, Ltd., left £1,668, with net personality nil.

MR. GERALD LESLIE MOORE, 18 Buckingham Avenue, Whetstone, London, N.20, formerly deputy-chairman of the Wellcome Foundation, Ltd., London, left £15,036, with net personality £13,686.

MRS. SARAH ALICE IANSON, Highcroft, Ribchester Road, Clayton-le-Dale, Lancs, wife of Mr. John Ianson (a director of W. Meadowcroft, Ltd., essence manufacturers, Blackburn), left £3,256, with net personality £1,667.

MRS. MARY ALWINE THERESA BLAGDEN, The White Cottage, Old Oxted, Surrey, wife of Mr. Victor Blagden (president of the British Chemical and Dyestuffs Traders' Association, Ltd., London), left £82,173, with net personality £82,039.

MR. KORAH CULPAN, Standing Stone Cottage, Luddenden Foot, Yorks, botanic practitioner, a member, and at one time president of the council of the National Herbalists' Association, left £563, with net personality £514.

U.S. REPORT ON I.G. FARBENINDUSTRIE

THE United States War Department has released a report of the military governor of the U.S. zone of Germany on control of I.G. Farbenindustrie. The following information is included in the report.

The aims in the seizure of I.G. Farbenindustrie—the largest corporation in Germany and largest chemical corporation in the world—were to destroy forever its monopolistic control over German industry and to eliminate the war potential it represented. Specific objectives included making some of its plants available for reparations, destroying certain others utilised for strictly war purposes, decentralising the management and dispersing the ownership of individual units, terminating interests in cartels, and preventing research for war purposes. Possession, direction and control of substantially all known I.G. plants, properties and assets in the U.S. zone have been seized.

War-time Activities of Group

A recent report prepared by the U.S. Finance Division summarises the German military authorities' dependence on I.G. production to the extent shown in the tabulated percentages of total German production of high priority materials in 1943 given in the adjoining column.

The company followed closely behind the German army from 1938 onwards, and the procedure was similar in Austria, Czechoslovakia, Poland and France. For example, I.G. brought about a combination of the French dyestuffs industry under a corporation known as "Francolor" in which it acquired a 51 per cent. interest. From the balance sheet of I.G. at September 30, 1944, assets and corresponding liabilities of 3,355,081,276 Reichsmarks were shown, as well as "hidden reserves" totalling 1,789,000,000 Reichsmarks. Adding these resources to stated values gives a total of approximately 5,150,000,000 Reichsmarks of assets. Even this total is deemed conservative, 6,000,000,000 Reichsmarks being thought a more realistic estimate. The capital structure of I.G. in 1945 consisted of 3,928,838 ordinary shares of a par value of 1,360,000,000 Reichsmarks, and 40,000 shares of preferred stock at a par value of 40,000,000 Reichsmarks. Eighty-seven per cent. of the ordinary shares was owned by corporations and individuals within Germany; 13 per cent. of the total was owned abroad (Switzerland, England, Holland and the United States of America

being the chief foreign holders, in the order named).

Item	Percentage produced by I.G.	Metric ton produced by I.G.
Synthetic rubber ..	100	118,000
Methyl alcohol ..	100	251,000
Sera ..	100	—
Lubricating oil ..	100	60,000
Poisonous gases ..	95	—
Nickel ..	95	2,000
Plastic sers ..	92	27,900
Organic intermediates ..	90	1,489,000
Plastics ..	90	57,000
Magnesium ..	88	27,400
Explosives ..	84	221,000
Nitrogen ..	75	600,000
Solvents ..	75	88,200
Gunpowder ..	70	210,000
Calcium carbide ..	61	830,000
X-ray film ..	50-60	—
Pharmaceuticals ..	55	4,430
Insecticides and fungicides ..	55	24,600
Synthetic resins ..	53	29,900
Chlorine ..	46	290,000
High-octane petrol ..	46	650,000
Compressed gases ..	45	45,000,000 cu. m.
Sulphuric acid ..	35	707,000
Synthetic petrol ..	33	850,000
Spun rayon (1939) ..	28	53,000
Artificial silk (1938) ..	24	17,000
Petrol total ..	23	850,000
Aluminium ..	8	24,000

Production Control

Production at I.G. plants under U.S. occupation has been subjected to regulations applicable to German industry as a whole. Actual output has been negligible. All war production has, of course, ceased and the limited production that has taken place has been largely confined to order placed by military authorities for specific requirements. Great productive capacity exists, but continuing scarcity of material, especially coal, makes substantial production impossible. The Höchst plant, the largest I.G.-owned plant in the U.S. zone, produces limited quantities of pharmaceuticals and small quantities of chemicals. The serum plant known as Behringwerke A.G. at Marburg is operating at capacity under U.S. supervision.

Anti-cartel Action

The estimated number of cartels in which I.G. participated is 425 in the dyestuff

and chemical fields alone, and over 2,000 in total. Legislative action on the part of the Control Council has been sought to outlaw cartels and simplify their dissolution. The draft of an anti-cartel law has been under discussion by the economic directorate of the Council, and its passage would, presumably, disrupt I.G.'s cartel interests, and provide some procedure for disposing of rights, privileges or royalties resulting from the dissolution. Informal

recommendations have been made that certain standard machinery and equipment contained in explosives plant built by the Reich and operated by I.G. should be made available for reparations. Much of the machinery and equipment is practically new and believed capable of removal for use in chemical plants or other standard manufacturing plants in other countries. All I.G. plants are being held in case they are needed for reparations.

EMPIRE AND FOREIGN NEWS

Separate Health Department for India.—The Government of India has announced that on September 1 a separate Department of Health was established.

Lanolin Factory in Western Australia.—It is understood that a lanolin factory is shortly being erected in Western Australia, where hitherto considerable quantities of crude wool fat have been going to waste.

German Scientists' U.S. Visit.—An announcement by the United States War Department disclosed that a group of German scientists and technicians was recently taken to the United States, on a voluntary basis, and under military supervision, to aid U.S. military research.

Correspondence Course in Pharmacy.—The Australian Army Education Service has announced a correspondence course in pharmacy for Victorian pharmacy students who wish to complete their studies. Introductory, first- and second-year courses will be available, the fees being refundable on completion of course.

Australian Control of Uranium Elements.—The Minister for Industrial Research announced in the Australian House of Representatives, recently, that Australia would control metals capable of being used as a basis for atomic energy. He had been assured that metals in the thorium-uranium group, found in Australia, could be used as a basis for atomic energy.

German Technical Developments.—The report of a survey of German industry by U.S. investigators, states Reuter from New York, indicates that one of the most promising German research developments is a new kind of plastic (isocyanates) with a wide range of uses. Cellulose ether has been used as a substitute for fats in soap production and transparent Nylon has been applied to industrial purposes. Outstanding

achievements are a chemical substitute for blood plasma, which is said to have saved thousands of lives during the war, and a polyvinyl alcohol that can be used for filling body cavities (as in a collapsed lung). High-speed polymerisation methods made possible German production of synthetic rubber in one-fifth the time normally required.

Canadian Herbs for Mexico.—Arrangements for the importation into Mexico of large quantities of Canadian herbs are being made by the manager of two large drug factories in Mexico City, who has arranged for shipments of finished drugs to be sent so soon as the Canadian Government lifts its controls. The raw materials are to be used for manufacturing purposes.

Swiss Protest at Black List.—An attack on the Allied policy of black-listing neutral firms accused of trading with the Axis was made by the Swiss Minister of Public Economy at a meeting of the Swiss Parliament recently. "The obstinacy with which the Allies hold on to their black list," he said, "is difficult to reconcile with their statements that they are protecting the rights of small nations."

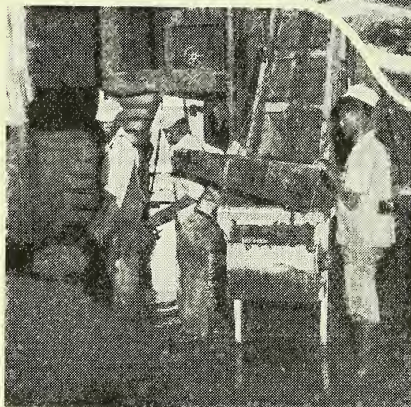
Drug Ban on Spain.—A statement made in London recently by Sir A. Chatterjee (president of the Permanent Central Opium Board) suggests that supplies of narcotics of all types to Spain may be prohibited by international agreement within the next two or three months. For the past five years Spain is stated to have persistently imported drugs far in excess of the country's legitimate requirements. She has failed to provide the Central Opium Board with explanatory statistics, although a signatory of the International Opium Conventions. The Board, hitherto a subsidiary of the League of Nations, is being taken over by the United Nations organisation now in process of formation.

AGAR

PRODUCTION

IN THE

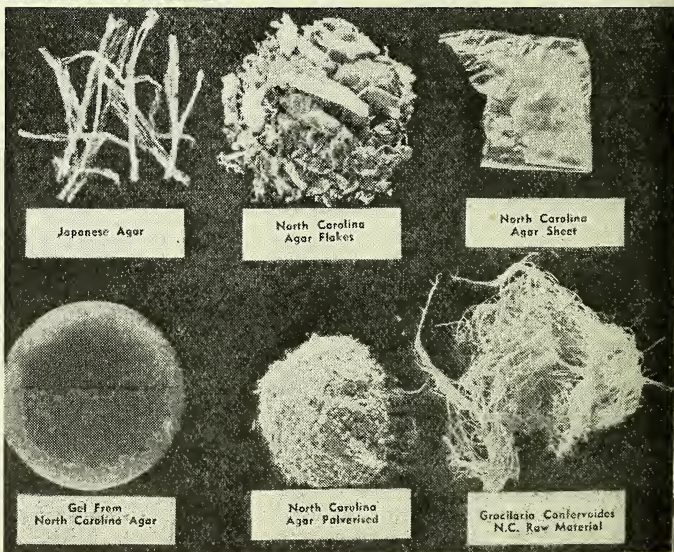
UNITED STATES



a thriving industry in Carolina. Swimmers rake the alga into piles, and trawlers bring it in to sell to processors. Experiments are being carried on by the Duke University Marine Laboratory, Piver's Island. The local processing plant is at Van Sants, where the material is washed, dried, cooked, and reduced to commercial agar. Experiments also indicate possibilities in cultivation.

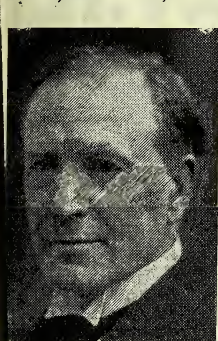
Top: Examining specimens of seaweed under the microscope. **Centre:** Transferring washed seaweed to the "cooker" for extraction. **Foot:** Raw material and finished product in several forms.

AFTER the war began and Japanese agar was no longer available to the United States, Mr. Harold J. Humm (Duke University Marine Laboratory, North Carolina), a leading American authority on seaweeds, was sent on an official survey of the U.S. Atlantic seaboard in search of seaweeds from which agar might be produced. At least one species found, *Gracilaria confervoides*, is now the basis of



DEATH OF DR. J. F. TOCHER

THE death of Dr. J. F. Tocher, D.Sc., LL.D., Ph.C., F.R.I.C., occurred at his home,



Dr. Tocher

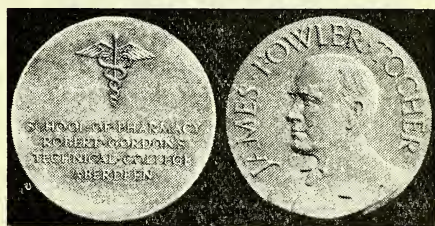
17 Carden Place, Aberdeen, on November 8. He was eighty-one. James Fowler Tocher was a man who gained many distinctions, not only in pharmacy, but also in wider spheres. A native of Fyvie, Aberdeenshire, he commenced his career at the age of sixteen by entering the pharmacy—or, as he preferred to call it, the "druggist's shop"—of Mr. William Group, Rhynie, where he served a four-year apprenticeship. After gaining further experience in Glasgow and Aberdeen, he passed the Chemist and Druggist Qualifying examination of the Pharmaceutical Society in 1886, and in the same year commenced business on his own account at Peterhead. Two years later he left to study at Mason College, Birmingham, for the Associateship of the Institute of Chemistry; the examinations for this and for the Pharmaceutical Chemist diploma he passed in 1890.

Scientific Work

In 1891 he devised a test for the presence of sesame oil in olive oil, following this with an investigation of sesame oil and related subjects extending over three years. He was at the same time establishing an analytical practice, and eventually he found it desirable to dispose of his pharmacy. In 1895 Dr. Tocher commenced an important series of anthropological studies which resulted in the publication of several monographs. He took a keen interest in pharmaceutical education and, so far back as 1902, strongly advocated a University degree in pharmacy. He was at one time a frequent contributor to the Science Sessions of the British Pharmaceutical Conference. His residential address at the Newcastle Meeting, in 1909, "A Survey of Educational and Other Problems in Pharmacy," is remembered as a model of lucid exposition. By that year he had passed the examination for the B.Sc. degree of Aberdeen University, and his Doctorate followed in due course. Dr. Tocher was able to add to his scientific

attainments a wide knowledge of literature—a further reason for his ascendancy in his profession. For forty years public analyst for a number of North of Scotland authorities, he was a governor of the North of Scotland College of Agriculture, Rowett Institute, and Macaulay Institute for Soil Research, a lecturer in statistics at Aberdeen University, and consulting chemist to the Highland and Agricultural Society. He was also a governor of Robert Gordon's College, Aberdeen. Formerly he was a member of the Consultative Council (medical and allied services), Scottish Department of Health. On November 5, 1937, a presentation was made to him in recognition of his great services to science and agricultural education, and of valuable eugenic surveys in which he had taken part. The presentation consisted of two portraits in oils, one of which Dr. Tocher gave to the Rowett Research Institute and the other to Peterhead Art Gallery and Museum. In presenting the portraits, Lord Forbes said that the 500 subscribers were drawn from all classes throughout the country, and from the Dominions.

The intense interest taken by Dr. Tocher in pharmaceutical education is to be commemorated in the annual award of a medal—the James Fowler Tocher medal—to the most outstanding student in the Chemist and Druggist Qualifying course at the School of Pharmacy, Robert Gordon's Technical College, Aberdeen. Dr. Tocher



concurred in the award and gave a generous donation to the Committee.

The design includes a portrait of Dr. Tocher, and in reverse a double caduceus and inscription "School of Pharmacy, Robert Gordon's Technical College, Aberdeen." The name of the successful student will be cut on the edge. An appeal is to be made to former students, and to the craft, for donations to provide a fund for successive medals and, if possible, a scholarship.

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VOL. CXLIV NOVEMBER 17, 1945 NO. 3432

N.H.I. Prescription Figures for London

A REPORT presented to the London Insurance Committee recently, giving the latest particulars available of the number and cost of prescriptions dispensed by contractor pharmacists in the County of London (p. 527), clearly indicates the essential service rendered by chemists to the public during the war years. Since the time when medical benefit was first made available, at the beginning of 1913, up to the end of June 1945, the total number of N.H.I. prescriptions dispensed was 224,531,958, at a total cost of £7,760,005. The decimal Drug Tariff was introduced in 1916, and at the time the average cost per prescription was 5'34d.; between that date and June 1945 it rose to 12'54.

Five-year Cost Increase

When the number and cost of pre-war prescriptions are compared with those of the past five years, several features are revealed. The large decrease in the number of prescriptions in 1941 reflects the first war-time evacuation of London; in 1943 there was a substantial return, and in 1944 a second evacuation of the population is indicated. In 1936 and 1937, approximately nine million prescriptions were dispensed each year; in 1941 and 1942 the total had dropped to roughly five-and-a-half million

annually. Costs for the two war years, however, were not much under those of the two pre-war years. Over the extended period of 1935 to 1945 (June) the average cost per prescription has increased annually without interruption from 7'82d. to 12'54d. During these ten-and-a-half years the cost of ingredients has risen from 3'48d. to 6'55d., and the average dispensing fee from 4'34d. to 5'99d. The increase in ingredients cost is due, substantially, to the imposition of purchase tax on materials and, to a lesser extent, to war-time price advances in drugs. By omitting non-essential drugs from formulas, however, and by employing, where permitted by the National War Formulary, items in fair supply, it is estimated that a saving of something under one penny per prescription was effected in average ingredient cost. The marked increases in average dispensing fee in 1942 (5'17d.) and again in January-June 1945 (5'99d.) were, of course, due to two increases of one-sixth granted by the authorities at those times. For 1938, the last complete year before the war broke out, the average dispensing fee was 4'30d., at which level it had remained comparatively stationary prior to that year.

In addition to N.H.I. prescriptions, London chemists dispensed, in 1944, 126,000 public assistance prescriptions issued by the London County Council in connexion with its scheme for outdoor medical relief.

Price Marks on Proprietaries

To judge by the way in which the prices of certain proprietaries are indicated on their labels, it would appear that a few manufacturers expect a speedy abandonment of the purchase tax. It is not for us to express an opinion as to whether or not this is likely to happen, although the Chancellor of the Exchequer seemed to indicate the contrary in his interim Budget, recently presented. Relations between chemist and customer, however, would surely be less subject to one cause of potential irritation if a tax-inclusive price were boldly indicated on every container. What happens when the basic price is in large figures and the purchase tax is given in small type below—almost as an after-

thought—is that the customer frequently challenges the counter salesman's request for the full amount, a quick glance at the container catching only the price without tax. This involves explanations that have a tendency, at the best, to make the customer look or feel small, and at the worst to cause a degree of unpleasantness which could easily have been avoided by the method suggested. It is appreciated that manufacturers whose price markings offer any cause for criticism are only a small minority.

Goods in Several Sizes

A further difficulty now being encountered by retail chemists arises from the fact that certain proprietaries that have been off the market for a long time, owing to shortage of raw materials, are now beginning to find their way back again. Manufacturers of such products would help considerably if they would indicate on the label, either the full price of the item as suggested above, or at least the quantity of the contents, so that no doubt is left in the mind of the seller whether he is supplying the small, medium or large size of the preparation. It is doubly necessary in these days to remove doubts on this score because, in many instances, the goods arrive before the invoice, and thus no guidance can be obtained from that quarter. Attention by manufacturers to these small points would be greatly appreciated by all retailers, and would act beneficially upon trading relations in the difficult period of transition from war to peace.

Food Yeast

A BOOKLET on the subject of food yeast, recently published by H.M. Stationery Office (M.R.C. War Memorandum No. 16: "Food Yeast, A Survey of its Nutritive Value"), gives a fascinating picture of the application of science to what must be a very old human food. Our early ancestors must, unconsciously, have consumed much yeast in food which had spontaneously fermented. Valuable amounts were certainly present in crude mead and ale, although yeast has been largely removed from their present-day counterparts. Even today some of the beverages of primitive

peoples provide the important nutrients of yeast in appreciable proportions.

Source of Protein and Vitamins

During the first world war, the Germans devised methods for large-scale production of yeast for human food, using *Torula* species, which could synthesise protein from inorganic nitrogen. A culture of this yeast was brought to Britain by Professor Raistrick in 1929. Work on the sample, under Dr. Thaysen in the chemical research laboratories of the Department of Scientific and Industrial Research, yielded a product lacking the bitter flavour of ordinary yeast and possessing high food values. In January 1941, the Government Committee on Scientific Food Policy appointed a small subcommittee, under the chairmanship of Professor Raistrick, to consider a report on the production of yeast for human food. In July of the same year the Ministry of Food set up a company to produce the yeast at the rate of 10,000 tons annually. Tests on human and animal subjects made by a number of workers showed that, when the yeast was added to a cereal diet, it provided first-class protein and was a good source of the B vitamins, especially aneurin, riboflavin and nicotinic acid. The yeast formed an excellent supplement to the diet of dairy cows, poultry and pigs. Experiments on many people of different ages showed that at least $\frac{1}{4}$ oz. of yeast could be taken daily for long periods without any digestive trouble, and some persons have taken much larger amounts. The yeast could also be added to bread, biscuits, soups, porridge and other foods.

Production at Low Cost

After some delay, it was decided that the manufacture of the yeast could best be undertaken overseas, and Colonial Food Yeast, Ltd., was formed (1944) for its production in Jamaica from waste materials of the sugar industry. The finished product may cost not more than sixpence per lb. Although thirty years have passed since the first German experiments, particular interest will be taken in the large-scale Jamaica enterprise, because it affords the opportunity of producing a valuable food from materials not themselves suitable for direct human consumption.

LONDON'S RECORD OF INSURANCE PRESCRIPTIONS

A REPORT on the pricing of National Health Insurance Prescriptions for the London area, presented to the London Insurance Committee on October 25, contains important information and statistics.

Number and cost of prescriptions for the first six months of 1945 are compared in the following table with corresponding figures for the two previous years:—

ITEM	1945	1944	1943
Number of prescriptions	3,022,412	3,140,530	3,175,551
Ingredients	£82,476	£80,464	£77,149
Dispensing fees	*£75,402	£68,955	£69,376
Average ingredient cost	6·55d.	6·15d.	5·83d.
Average cost of dispensing fees	5·99d.	5·27d.	5·24d.
Average cost per prescription	12·54d.	11·42d.	11·07d.
Average number of persons on lists	1,350,394	1,381,012	1,366,242
Average of prescriptions per person	2·24	2·27	2·32
Average cost per person	28·06d.	25·96d.	25·74d.

* Figure includes an amount representing second one-sixth addition to fees recently granted by Minister of Health for 1945.

Number and Cost of Prescriptions

The number and cost of prescriptions dispensed by chemists in the London area during the ten years 1935-44 inclusive, are shown in the following table:—

Year	Number of prescriptions	Total cost	Average cost per prescription	
			Ingredients	Fees
1935	8,561,492	279,033	3·48d.	4·34d.
1936	8,096,825	296,391	3·55d.	4·36d.
1937	9,050,324	303,789	3·71d.	4·35d.
1938	8,882,243	302,734	3·88d.	4·30d.
1939	8,663,641	304,936	4·11d.	4·34d.
1940	7,517,192	299,577	5·13d.	4·43d.
1941	5,526,931	237,899	5·97d.	4·36d.
1942	5,705,382	257,964	5·68d.	5·17d.
1943	6,348,326	295,681	5·94d.	5·24d.
1944	5,789,746	279,525	6·34d.	5·25d.

During the war years the cost of insurance prescriptions has been affected by three or four factors besides the ordinary fluctuations that occur normally from time to time. The effects can be seen in the figures that represent the average ingredient cost and the value for different years. Average ingredient cost per prescription has been affected in three ways:—

(a) Abnormal rise in cost of drugs and other materials.

(b) Operation of purchase tax (calculated generally, where applicable, at one-sixth on cost for medicines). Prices of all drugs and appliances included in Drug Tariff were revised to include allowance for purchase tax in December 1940.

(c) Introduction of National War Formulary in 1941. Prices were then reduced by omitting drugs whose use was considered non-essential and by employing, where possible, readily obtainable drugs in place of those in short supply. Adoption of the Formulary brought about a reduction of something less than one penny in average ingredient cost per prescription.

Average dispensing fee cost per prescription has been increased by an allowance made by the Minister of Health to all contractors as from October 1, 1941, of an addition of one-sixth to all dispensing fees. The allowance had the effect of adding about $\frac{1}{2}$ d. to the average dispensing fee cost per prescription. A second allowance of one-sixth (making one-third in all) has now been sanctioned to take effect from January 1, 1945. Cost of the second increase on chemists' accounts for first six months of 1945 was over £9,000. The allowance will, of course, further increase the average dispensing fee cost per prescription.

The average total cost per prescription was increased by inclusion of purchase tax, and the effect of the reduction in ingredient cost due to adoption of the War Formulary was almost balanced by the increase in fees due to the Minister's grant of the additional one-sixth. Thereafter, the cost of prescriptions has steadily risen with the increase in prices of drugs and other articles.

Exceptional Prescriptions

Preparations generally known as Special Medical Products continue to be prescribed in increasing numbers, together with insulin, vaccines, drugs prepared in ampoules for hypodermic or intramuscular injection and similar preparations, frequently of a proprietary or semi-proprietary character. Cost is generally higher than that of the average prescription. Vitamin, glandular and hormone preparations, and the drugs of the sulphonamide group, bulk largely amongst the special prescriptions. Many single prescriptions cost from £1 upwards, with a dispensing fee added in proportion to cost. The Committee recently gave consideration to the prescribing of a special product for injection known by a letter and

a number. An account submitted by a practitioner during August 1945 for four units of the preparation, personally administered to two patients on his list, amounted to a total of £17 18s. 8d., including fee. One prescription included in an account submitted by a chemist for July was for a preparation of liver extract for intramuscular injection. The prescription was priced at £20 9s. 6d., including dispensing fee. Such prescriptions are exceptional.

The Committee commenced to price Insurance prescriptions in 1913. During the thirty-two years from 1913 to 1944, the total of prescriptions dispensed by chemists and priced by the Committee is 221,509,546; total value, £7,602,127. The average total cost per prescription in 1916, when the decimal Drug Tariff first became operative, was 5.34d. For July 1945 the corresponding average cost per prescription was 13.10d.

PHARMACEUTICAL SOCIETY OF GREAT BRITAIN

THE monthly Council meeting of the Pharmaceutical Society was held in London on November 6 and 7, the president (Mr. J. C. Young) in the chair.

Tuesday's Session

It was agreed to issue the following statement explaining the Society's policy on pethidine. Having regard to the evidence available concerning the properties of pethidine, the Council is of opinion that this substance should be controlled as a poison and be supplied to the public only on the prescription of a duly qualified medical practitioner. It is considered that the situation does not call for the detailed restrictions imposed by the Fourth Schedule to the Poisons Rules, and that it will be sufficient to include pethidine in the First Schedule, with a recommendation to pharmacists to supply to the public only on prescription. Pending consideration of the matter by the Poisons Board, the Council hopes that pharmacists will act as though these proposals had been accepted.

A statement was reported from the Ministry of Health that favourable consideration was being given to applications for licences for the manufacture of preparations containing quinine hitherto forbidden under the Control Orders; such preparations should be available in chemists' shops in the near future. It was decided to ask for general authority to be given to "authorised sellers of poisons" to manufacture such preparations.

Pharmaceutical Joint Committee

Consideration was given to a letter from the National Pharmaceutical Union proposing that, in view of the advent of a Labour Government, negotiations in regard to pharmacy in the new service should be placed in the hands of a Committee fully representative of all those interested in the provision of a pharmaceutical service. The Council did not see its way to agree with

this suggestion, but decided to put forward an alternative suggestion to the constituent bodies of the Joint Committee. A similar resolution, and a manifesto dealing with the principles of a national health service from the Sheffield Branch, were received, and it was agreed to inform the Branch of the Council's attitude.

Appointments

Mr. H. M. Hirst was reappointed the Society's representative on the committee of management of the Chelsea Physic Garden for a further period of four years. Mr. E. A. Brocklehurst was appointed the Society's representative on the Court of University College, Hull, for the next three-year period, Mr. Surfleet having intimated that he did not wish to be re-elected. It was agreed to express the Council's thanks to Mr. Surfleet for his services. Dr. Arrol (lecturer in physical chemistry in the Society's College) was appointed to represent the Society on Technical Committee C/17 (Viscosity).

Mr. T. Reid was co-opted to fill the vacancy in the membership of the Council caused by the death of Mr. Appleton.

The minutes of a meeting of the Liaison Committee with the National Pharmaceutical Union, held on November 5, were received; matters covered included purchase-tax policy, the position arising out of the Taxol case, and requirements for the approval of conditions for practical training.

Wednesday's Proceedings

In the public session, which lasted for almost two hours, discussion was mainly confined to matters of slight interest; most of the discussion took place in Committee. THE PRESIDENT paid tribute to the service rendered to the Society by the late Mr. Quarrell (Thompson, Quarrell & Co., the Society's solicitors). A few months previously, he said, the Council had taken notice of the retirement of Mr. W. H. Quarrell

from active participation in the firm of Thompson, Quarrell & Co., the Society's solicitors, and had sent him a message of good wishes. It was with much regret that he now had to report his death. For more than forty years Mr. Quarrell had been connected with the Society, and since 1943 he had been an honorary member. Not only were his professional services greatly valued, but he would be remembered for the close and friendly personal interest he took in the Society's affairs. Particular mention was made of his generous donations to the Benevolent Fund, and many prints of an antiquarian character which he had given to the Society. It was agreed to send a message of condolence to his family.

THE REGISTRAR reported that, since the previous meeting, ninety-three persons had been registered as apprentices or students. There had been one application for restoration to the register of premises, nineteen applications for restoration to the register of chemists and druggists of names removed during previous years, one of an apprentice previously removed, and fifteen of chemists and druggists whose names had been removed during the current year. Restoration of them all was approved. It was agreed to award diplomas to a chemist who had passed the Qualifying examination, and to five chemists under reciprocity arrangements.

Prisoner Pharmacists' Letter

MR. J. F. McNEAL, who moved acceptance of the minutes of the Benevolent Fund and War Aid Committees, reported that the County of Cheshire Pharmaceutical Committee had notified the Council that the penny-in-the-£ scheme operated by that Committee would be made over to benefit the Benevolent Fund. He reported the release of three prisoners of war and three internees in the Far East, together with receipt of the following letter:—

We, the undersigned fourteen civilian pharmacists, who were interned during the Japanese occupation of Malaya, wish to thank the Pharmaceutical Society for its letters dated August 25, 1943, and for the kind offer of help to us and to our families. The letters reached us in September 1944, and now, as we are about to be released, we have our first opportunity to reply. Mr. G. Walker, an old retired pharmacist, aged seventy-three, died of senility at Changi Camp, on June 21, 1942. With this exception, we have all managed to keep in reasonably good health, in spite of ghastly overcrowding and starvation diet. We have had no pharmaceutical literature since November 1941 and, if it is possible, we should be glad to receive a file of journals and of the "Quarterly Journal

of Pharmacy" since that date. It is probable that many of us will be coming to England to recuperate, and we shall endeavour to visit the Society's Headquarters in London or Edinburgh, in order personally to thank your "War Aid Service" Department and to recount our adventures. Arrangements will be made here to distribute mail if it is addressed "c/o The Pharmacist, General Hospital, Singapore."

(Signed)

A. H. MILLARD	H. J. LEWIS
S. M. BARNWELL	F. J. SMITH
J. DICK	D. TURNER
T. MCKINSTERY	J. M. CHALMERS
J. SINCLAIR	A. V. HITCH
A. F. CALDWELL	E. I. PARRISH
J. DUTHIE	A. J. TURNER.

The minutes were agreed to.

Examination Concessions

There was considerable discussion on the Education Committee minutes, moved by MR. C. W. MAPLETHORPE. On the question of concessions in respect of examination regulations, MR. H. M. HIRST raised the question, as he had done at the previous meeting, whether the men with "foreign-looking names" were naturalised British subjects, and whether they had had any connexion with pharmacy before 1939. MR. MAPLETHORPE replied that of the sixteen applications, thirteen had been granted, one to a Greek, three to Poles (members of the Polish Army) and one to an Indian. Of the remainder, one was resident in the Channel Islands during the German occupation, and the remainder were ex-Servicemen.

Dealing with approval of pharmacies, MR. MAPLETHORPE reported there had been ninety-five applications for apprentices, of which eighty-seven had been approved. Eleven applications had been received from hospitals, all of which had been granted. Ten of the eleven applications by hospitals were "repeats," and the new one was quite a well-known hospital; the application had been adequately put in, the pharmacist-in-charge was of the highest standing, and the Committee had thought it would not be desirable to go to the hospital for an inspection. The Committee had discussed the arrangements for dealing with further applications. Arrangements had been made that pharmacies should be inspected by the Society's inspectors, that their reports should go to the Education Committee, and that, on the inspector's report, approval should or should not be granted. The applications reached large figures, and the Committee had agreed that it should not have circulated to the Education Committee the long list of pharmacies approved by the inspectors. The office should be given

authority automatically to pass applications for approval upon a report from an inspector, but, to enable the Committee to keep check on what was happening, a list should be available at Education Committee meetings for each member to inspect. MESSRS. HESELTINE, PARRY and DAVIS raised questions about members making provisional arrangements with apprentices, only to find their premises turned down as unsuitable by the Society's inspector, but THE SECRETARY pointed out that the conditions had been published, and members could always write. MR. MAPLETHORPE assured the Council that there was no question of names being published, but only of the numbers involved in acceptance or rejection.

Law Committee

The report of the Law Committee, presented by THE CHAIRMAN (Sir Malcolm Delevingne), showed that the premises of 1,369 authorised sellers, two listed sellers and 722 drug store proprietors and similar traders had been visited by the Society's inspectors and agents during the month. Thirteen cases of alleged infringements had been considered and appropriate action taken. Privy Council approval had been received for the appointment of Mr. T. R. Morris as an inspector under the Pharmacy Acts, and he had taken up his duties in Wales and South-west England on November 1.

MR. W. S. HOWELLS moved the minutes of the Establishment Committee and Joint School Committees. The Dean, he said, had reported to the Committee that London University could not see its way to extend Dr. Wallis's Readership in Pharmacognosy for the session 1946-47, but Mr. Howells said they hoped to retain Dr. Wallis's teaching services. The appointment of Professor Buttle to the chair of pharmacology was formally reported. The minutes of both Committees were adopted.

It was proposed that Mr. W. K. Fitch (editor of the "Pharmaceutical Journal") should be appointed manager of the Society's publications. A memorandum by Mr. Fitch was considered on post-war planning of the department for production of the existing publications of the Society.

Branch Representatives' Meeting, 1946

Minutes of the Finance Committee, moved by THE TREASURER (Mr. H. C. Shaw), and of the Organisation Committee, moved by MR. F. G. WELLS, were approved. MR. WELLS said that, in connexion with the Branch

Representatives' meeting in 1946, the Conference Executive had decided in favour of a continuation of the war-time conference, as it had not been found practicable to revert to normal arrangements. The Committee had agreed, in view of the possibility of a Branch Representatives' meeting being required, early in 1946, for the purpose of dealing with National Health Service matters, that branches should be invited to appoint their representatives in readiness, and that the question of holding a further Branch Representatives' meeting later in the year, on more normal lines, should be borne in mind.

British Pharmaceutical Conference

A meeting of the executive of the British Pharmaceutical Conference was held in London on October 17, when the chairman (Mr. B. A. Bull) welcomed three new members: Mr. J. C. Hanbury, Dr. F. Hartley, and Mr. R. Maxwell Savage. The balance sheet of the annual meeting showed a deficit of £36 which, members were reminded, the Council of the Pharmaceutical Society had agreed to make good. The chairman, senior joint secretary and Mr. R. R. Bennett were appointed to serve on the editorial committee of the "Quarterly Journal of Pharmacy and Pharmacology." A letter was received from the Organisation Committee of the Pharmaceutical Society's Council, stating that, in the event of the Conference executive deciding it was possible to revert in 1946 to normal Conference arrangements, the decision would be welcomed by the Council. Dr. Boyes reported that he had been in correspondence with three branches of the Society concerning future meetings. The executive gave careful consideration to the invitations, one of which was for 1946, but it was decided that conditions were not yet suitable for a meeting on pre-war lines, and that it would be unwise to make any decision regarding meetings subsequent to 1946. The decision was taken to hold the 1946 Conference in London, on lines possibly slightly more elaborate than those adopted during the past six years, and the arrangements were left in the hands of a subcommittee.

It was pointed out that the Conference Research List had not been revised since 1939. Members of the executive were invited to send in suggestions, and the following subcommittee was appointed to review all aspects of the list: The chairman and joint general secretaries, *ex-officio*; Mr. F. W. Adams; and Drs. C. Davis, C. H. Hampshire and F. Hartley.

IRISH DRUG ASSOCIATION

MANY matters of importance to retail chemists in Eire were discussed at a special delegate meeting of the Irish Drug Association committee held recently in Dublin, under the chairmanship of Mr. Lyall G. Smith (president). Delegates were present from Cork, Limerick, Sligo, Tralee, Westport, Monaghan, Drogheda, and other centres. On behalf of the committee, MR. SMITH welcomed the provincial delegates, and hoped that the meeting would afford them an opportunity of ventilating their views on contentious matters of general interest to the trade at the present time.

Joint Committee on Approved List

MR. B. R. SMITH (organiser) summarised progress made by a joint committee in connexion with the management and control of the Association's approved list. Thirteen meetings had been held, a number of manufacturers had been approached, and additions had been made to the list (examples being Johnson's baby products and Imperial Chemicals (Pharmaceuticals), Ltd. Suitable action had been taken against a few pharmacists who had been found to be cutting prices, or who were guilty of other breaches of the regulations. A series of advertisements would appear in the trade Press, said the organiser, drawing the attention of the manufacturers to the work of the Association, with particular reference to its approved list. THE PRESIDENT then stated that the work on hand had now reached a stage at which regulations had been finally drafted and referred back to the general committee for approval and sanction. MR. A. MAHER, Drogheda, raised the question of supplies direct to hospitals by wholesalers—and approved wholesalers at that—and quoted an instance in his own area: the Lourdes Hospital, Drogheda. It transpired that one of the Sisters in charge of the hospital was a qualified pharmacist. THE PRESIDENT mentioned that the point was one of those covered in the joint committee's report. Where a hospital, coming within the recognised definition, employed a resident pharmacist, such a hospital was entitled to supplies through an approved wholesaler. Each case would have to be appraised on its own merits. The position was generally accepted that wholesalers did not wish to supply the smaller hospitals, though they did desire to supply the larger ones. If there were any cause for complaint, it was suggested that the aggrieved member should report

the case to the committee, which would approach the wholesaler concerned and endeavour to find a remedy.

Distribution of Cosmetics

The policy of the Association towards the distribution of cosmetics and toilet preparations next came up for discussion. Many views were expressed on the subject, several of the questioners differentiating between expensive or high-class cosmetics and the cheaper, popular-priced grade likely to be found in multiple stores and "hucksters'" shops. It was freely admitted that the display of high-class cosmetics in the better-class drapery houses was, if anything, an advantage from a sales point of view, while the sale of cheap lines outside the trade did not seriously affect the chemist. The chief objection seemed to be that, while products, both cheap and dear, were in short supply, new accounts were being opened and the chemist was not getting his quota, although outside traders appeared to have ample stocks. MR. P. J. KENNELLY, Tralee, reported that, as a member of his local Association, he had approached the agent of a well-known proprietary perfume, who had stated that he intended to open an account with the Munster Stores, despite the fact that there were already seven chemists in the town. As the Munster Stores had not previously sold the company's preparations, it was the intention of chemists in the district to refuse to stock them if the agent persisted in this policy. The chemists maintained that there were ample outlets for distribution without the account being opened. In making a firm stand on this issue, the local association was creating a precedent, and their action had the approval and support of the entire Association.

The following resolution proposed by MR. F. X. MEAGHER, and seconded by MR. T. C. SCOTT, was passed unanimously:—

That this meeting of provincial and city representatives agrees that new regulations for approved firms of cosmetic manufacturers should be prepared by the committee to allow for certain other established outlets for retail sellers of cosmetics other than chemists and druggists.

Retail Orders for New Products

A suggestion was made by MR. J. J. ROCHE, Dublin, that travellers exploiting new products should be asked to sign a form, to be returned to the Irish Drug

Association, guaranteeing that distribution of the item would be confined to chemists and druggists. Any order placed should be contingent on the guarantee being completed and lodged, and books of forms should be supplied to all members. The suggestion was referred to the retail committee for further amplification.

The profit margin on two proprietary preparations put up by one manufacturer was brought up for discussion, and THE PRESIDENT reported that they had been the subject of correspondence. A statement from the Association recorded that the profit rate was considered entirely inadequate. A request that a percentage of at least 25 was expected on one product, irrespective of terms, as a food product, and on the other of 33½, as a medicinal product, had been disallowed. In announcing the refusal the company had stated that the terms and profits allowed in Eire were identical with those allowed in Great Britain and Northern Ireland, and were based on prices approved by the (British) Central Price Regulation Committee, and further approved by the Department of Supplies on reintroduction of the product in Eire. After some discussion it was proposed by MR. MAHER, seconded by MR. C. J. DOHERTY, Westport, and passed unanimously, that members should refuse to stock the preparations unless and until the profit margin was brought to a level that was acceptable to the Association, as set out in correspondence that had passed between the Association and the company. Further, the secretary was instructed to write to the company that he had had a request from his members that further supplies of the company's products should not be sent unless and until a definite order had been placed.

Concerted Effort Against Leakages

Several members present reported that a proprietary baby food was selling indiscriminately throughout the country, and that this matter also should be taken up with the company and a concerted effort made to eliminate such leakages. The secretary was instructed to write to the manufacturers reporting the various districts mentioned by members.

MR. D. O'SHEA, Cork, asked that two weeks' notice should be given of future provincial delegate meetings, so that the local Associations might have time to appoint their representatives, and that representatives might have an opportunity of making their own personal arrangements. It was agreed that this should be done.

MR. W. HANLEY, Limerick, raised a question on the distribution of a medicinal proprietary, and THE SECRETARY reported that the makers had been asked, without success, to place the product on the approved list. It was suggested that the application might be renewed and at the same time that the manufacturers might be asked for a more equitable distribution, even if the commodity were in short supply. Alleged indiscriminate distribution by an Irish concern was also considered, and inquiries were also made regarding the products of a veterinary manufacturer. A continued breach of the closing hours in the Cork area was reported, and it was requested that suitable action should be taken; the matter was, however, referred back to the local Association.

I.D.A. Committee

MR. Lyall G. Smith (president of the Association) was in the chair at the October meeting of the committee of the Irish Drug Association. The Association's policy in the distribution of toilet preparations was reviewed, and it was agreed to make greater efforts to bring cosmetic manufacturers on to the approved list. The matter was discussed further (see above) at the next delegate meeting of the Association, which was held in Dublin at 10.30 a.m. on October 30. In reply to many inquiries received by the committee about a reduction of liquid paraffin prices, members were informed that the reductions were made known following an interview with the prices section of the Department of Industry and Commerce. It was reported that an agreement had been made between Johnson & Johnson (Ireland), Ltd., and the Association whereby the sales of Johnson's baby products were now confined to pharmaceutical chemists and registered druggists. The committee took the opportunity of reminding members that every effort should be made to further the sales of items on the approved lists, and not to stock newly-marketed pharmaceutical or medicinal proprietary articles (other than those manufactured by companies whose products were all on the Irish Drug Association approved list) without further instructions by the Association.

Waste Paper Urgently Needed.—Demand for this vital raw material still continues. There is an erroneous impression abroad that with the end of the war the need for paper salvage is lessened—nothing could be further from the truth.

OVERSEAS TRADE NEWS

Penicillin to be Flown to South America.—Reuter reports that large quantities of penicillin are being flown from the United States to South America.

Brazilian Pyrethrum Production.—The 1945 production of pyrethrum in Brazil is expected to reach 1,000 metric tons, approximately the same as in 1944.

British Guiana Toilet Preparations Exports.—Exports of toilet preparations from British Guiana during 1944 were valued at \$248,426, against \$103,056 in 1944.

U.S. Wax Price Decontrols.—The United States Office of Price Administration has suspended price "ceilings" on vegetable wax and beeswax applicable to importers, bleachers and refiners.

Label on Drugs for Patagonia.—Drugs, medicinal specialties and specifics admitted into Patagonia free of duty must bear a label on the container with the following inscription in the Spanish language: *Para ser consumido en el territorio de la Republica Argentina, al sud del paralelo 42°* (To be consumed in the territory of the Argentine Republic, south of the 42nd parallel).

U.S. Rubber Restrictions Eased.—The U.S. War Production Board has authorized the use of natural rubber for about seventy-five additional household, medical, industrial and other products. Increases in the percentage of natural rubber have been permitted for the manufacture of fifty other items.

Imports into Canada.—The following chemicals may now be imported into Canada without an import permit: Antifreeze; dibutyl phthalate; dimethyl phthalate; ethylene glycol; isopropanol (isopropyl alcohol); methyl ethyl ketone; tricresyl phosphate; and lithopone.

Australian Trade.—Imports of drugs, chemicals and fertilisers into Australia during July 1945 were valued at £353,000 (sterling) against £634,000 in July 1944, and £475,000 in July 1938. Exports of the same class of merchandise during the same periods totalled £A287,000, £A113,000 and £A74,000, respectively.

U.S. Tenders for Argentine Oils.—United States importers are reported to have tendered for the 23,500 tons of Argentine seed oils and 70,000 tons of by-products obtained by the O.S. Commercial Co. under a treaty May 9, 1945. Sale of the oils and by-

products was contingent on the cancellation of the 25-peso per ton export tax before November 9 of the current year.

Algerian Olive Oil.—The prospects of better supplies of fats in Algeria have been made possible by unrestricted manufacture, distribution and sale of locally-produced olive oil. Large producers will, however, be obliged to surrender to the Department of Supplies, at a price to be fixed later, 95 per cent. of their harvest in excess of 1,000 litres.

U.S. Develops New Antimalarial Drugs.—The U.S. Offices of Scientific Research and Development announces that two new antimalarial drugs have been developed as a result of war-time researches. Tests on human volunteers are stated to have proved promising. The drugs are claimed to be slightly better than Atebrin, although they are not successful in completely curing the disease. They do not stain the skin.

Belgian Congo Quinine Factory.—According to a statement by the manager of a Belgian Congo Government quinine factory at Kivu, quinine is already being produced in the territory at the rate of 2,200 lb. of quinine salts monthly—50 per cent. more than the present consumption of the Congo. Output, he said, would double in 1946, and in due course would reach 440,000 lb. The surplus would be applied to prevention of malaria among the native population, and a special low-priced compound was envisaged. The cost of production was lower than the world price, and would decrease with expansion of the plant, which was operated without a view to profit.

United States Foreign Trade.—The United States Bureau of Census announced on October 2 that U.S. exports, valued at \$5,723,000 during the first six months of 1945, represented a decline of 22 per cent. from the January-June 1944 level of \$7,355,000, and reflected sharp decreases since VE day in Lend-Lease shipments. Imports into the United States, meanwhile, rose from \$2,018 million for the first six months of 1944 to \$2,111 million for the same period of 1945, an increase of 5 per cent. Among exported finished manufactures registering increases were rayon, paper, glass, and medicinal and pharmaceutical products. Increased imports were recorded in industrial chemicals, which rose from \$15 million to \$21 million. Edible vegetable oil imports for the first half of 1945 more than tripled the 1944 value.

TRADE REPORT

Spot quotations for pharmaceutical chemicals, crude drugs and essential oils represent the prices for wholesale quantities of standard quality. C.i.f. quotations do not include exceptional marine risk insurance and other abnormal charges payable under present conditions

28 Essex Street, W.C.2, November 14

A MUCH more cheerful tone prevails in the drug markets this week, with plenty of inquiry and a fair amount of business passing. Although, broadly speaking, the supply position is not materially altered, there are indications of an early improvement in this direction. Prices have remained generally firm, with fluctuations more the exception than the rule during recent weeks; where changes have occurred, they have generally amounted to a small proportion of the price. The only important alterations in prices of PHARMACEUTICAL CHEMICALS is an advance of sixpence per lb. in BISMUTH SALTS; as noted last week, a few makers' schedules have been slightly adjusted to include the new packing charges. Demand in this market is routine.

Drugs and Oils

Substantial inquiry is being met with for CRUDE DRUGS, and a fair amount of business is recorded, especially for export to Scandinavian countries. Prices are generally firm, and the few movements there are are of small significance. The increased price quoted for CAPE ALOES at the source has brought in several offers of small quantities. ANTIMONY is unchanged, with prices of all grades at previous levels. ARECA NUTS are out of stock pending fresh arrivals. BISMUTH METAL is selling steadily on spot. CHILLIES are scarce, and the price is at the higher rate quoted during recent weeks. The CLOVES price is firmer. Small lots of COLOCYNTH are changing hands at stated figures. ERGOT remains in small supply at the price quoted last week. MALE FERN ROOT is held at the higher figure noted recently. PIMENTO is one penny per lb. dearer. Small inquiry is being received for imported SEEDS, but prices are generally unchanged. CARNAUBA WAX is dearer.

No changes have been announced in the position of ESSENTIAL OILS imported under the official scheme. It is understood that offers of dementholised PEPPERMINT have been received from Brazil. The Minister of Food announces that there will be no change in the existing price of refined oils and imported edible animal fats allocated to primary wholesalers and large trade users during the eight weeks' period November 11, 1945, to January 5, 1946.

U.S. Drug Market Report

New York, November 9

REVIEWING the supply position of a number of chemical raw materials in the United States, the Department of Commerce reports that demand for civilian products will absorb the quantities of SULPHURIC ACID, ALKALIS (which are meeting high demand from the textile industries) and PEROXIDES that were released by the cancellation of military contracts. The organic branch of the chemical industry, the Department adds, is in a favourable position to go ahead with its manufacturing operations. Production of POTASH, both chemical and fertiliser grades, continues high, and the supply of ACETONE available for civilian consumption is better as a result of restricted military requirements. Curtailed military needs have also made possible the meeting of all civilian demands for ETHYL ALCOHOL. Output during the first six months of 1945 indicated that, if FORMALDEHYDE production is maintained at the same rate during the rest of the year, the total will be slightly more than in 1944. Month to month production of COPPER SULPHATE over the first half of this year has been higher than during 1944. It is understood that a fair amount is likely to go to Europe before the end of the year; supplies in the local drug market are somewhat tight. Importers of BEESWAX are following a cautious policy in view of recent price advances. PSYLLIUM SEED stocks are almost exhausted and most of the cheaper lots of imported JUNIPER BERRIES have disappeared from the market. Stocks of GLYCERIN, the supply position of which has recently been causing concern, are now generally believed to have fallen below the 50 million lb. "minimum necessary" level. Private reports state that some 6-12,000 lb. of MENTHOL is available for immediate shipment from China. In view of the extensive war damage in Japan, it is not believed that there is very much material available in that country.

Pharmaceutical Chemicals

AMPHETAMINE.—Makers' prices are steady at 150s. per lb.

ASPIRIN.—Home market prices per lb., in quantities of 28 lb.—1 cwt., are as follows (containers in brackets): 4s. 1½d. (1-lb.); 4s. (4-lb.); 3s. 11d. (7-lb.); 3s. 10½d. (14-lb.); 3s. 9½d. (28-lb.).

BISMUTH SALTS.—Makers announce an advance of 6d. per lb. as from November 7. New cwt.-lot prices are as follows: Carbonate, 9s. 3d. per lb.; citrate, 11s. 3d.; salicylate, 9s. 9d.; subgallate, 13s. 6d.; subnitrate, 8s. 1d.

BORAX.—Current rates per ton are as follows: B.P. quality, granulated, £38; crystal, £39; powder, £39 10s. Commercial grades, £8 per ton less. Packed in one-cwt. bags, delivered, carriage paid in Great Britain in one-ton lots and upwards.

BORIC ACID.—Current rates per ton, are as follows: B.P. quality, granulated, £60; crystal, £61; powder, £62. Commercial grades, £8 per ton less. Packed in one-cwt. bags, delivered carriage paid in Great Britain, in one-ton lots and upwards.

BRUCINE.—Current rates per oz. are as follows: ALKALOID.—Under 25 oz., 1s. 4½d.; 25 oz. and under 100 oz., 1s. 4d.; 100 oz. and under 500 oz., 1s. 3½d. NITRATE and SULPHATE.—Under 25 oz., 1s. 3½d.; 25 oz. and under 100 oz., 1s. 3d.; 100 oz. and under 500 oz., 1s. 2½d.

CREAM OF TARTAR.—A new price schedule under the Order amending the Tartaric Acid and Cream of Tartar (Control and Maximum Prices) Order, 1944, was given in the *C. & D.*, October 27, p. 441.

DEXTROSE, B.P.—Prices per lb. current in the home market for bulk supplies are as follows: 14 lb.—28 lb., in 14-lb. lots, 1s. 0½d.; 28 lb.—112 lb., in 14-lb. lots, 1s.; in 28-lb. lots, 1s. 6d.

DIAMORPHINE.—Current rates per oz. for small quantities are as follows: BASE.—½ oz., 6s. 6d.; 1 oz., 56s.; 2 oz., 54s. 6d.; 3 oz., 5s. 9d.; 4 oz., 53s. 6d. HYDROCHLORIDE.—½ oz., 54s. 3d.; 1 oz., 51s. 9d.; 2 oz., 50s. 3d.; 3 oz., 49s. 6d.; 4 oz., 49s. 3d.

EMETINE.—British importers' prices are as follows: EMETINE HYDROCHLORIDE, U.S.P., 1 oz., 175s. 6d.; 4 oz., 178s.; 1 oz., 185s. 0z. EMETINE BISMUTH IODIDE, B.P. (Brazilian origin), 16 oz., 85s. 6d.; 4 oz., 87s.; 1 oz., 8s. 6d.; usual terms.

LACTATES.—Prices are as follows: LACTIC ACID.—Six-winchester lots, 3s. per lb.; smaller quantities, 3s. 1d. CALCIUM LACTATE.—Small quantities, 2s. 5d. per lb. CALCIUM SODIUM LACTATE.—Powder, small lots, 3s. 7d. per lb.; 1 lb., 3s. 4d.; 28 lb., 3s. 2d.; granular, one may per lb. extra.

MAGNESIUM TRISILICATE.—Prices per lb. in the home market, in quantities of 28 lb.—1 cwt., are as follows (containers in brackets): 3s. 9½d. (1 lb.); 3s. 8d. (4-lb.); 3s. 7d. (7-lb.); 3s. 6½d. (1 lb.); 3s. 5½d. (28-lb.).

METHYL SALICYLATE.—Continues in good demand at unchanged prices. Small, 2s. 6d. per lb.; winchesters, 2s. 1½d.; 56 lb., in demijohns, 2s.; 1 cwt., in demijohns or carboys, 1½d.; 5 cwt., 1s. 11d. All prices net.

PHENOLPHTHALEIN.—Current rates are as follows: Less than 7 lb., 4s. 8d. per lb.; 7 lb., 4s. 4d.; 14 lb., 4s. 6d.; 28 lb., 4s. 5d.; 1 cwt., 4s. 4d.

SANTONIN.—Prices per kilo are as follows (price per oz. in brackets): 25 kilos, £42 (23s. 10d.); 10 kilos, £43 (24s. 5d.); 5 kilos, £44 (24s. 11d.); 2-4 kilos, £45 (25s. 6d.); 1 kilo, £46 (26s. 1d.); 500 gm., £47 (26s. 8d.); 250 gm., £48 (27s. 3d.); 100 gm., £49 (27s. 9d.); smaller lots, £50 (28s. 4d.).

THEOBROMINE.—The following prices are ruling: ALKALOID.—Small, 44s. 6d. per lb.; 7 lb.—28 lb., 43s. SODIUM SALICYLATE.—Small, 26s. 6d.; 7-lb.—28 lb., 25s. 1d. Tins extra when supplied.

Crude Drugs

ALOE.—The increased price at the Cape is bringing in offers of small quantities.

ANTIMONY.—No change has occurred in the market position. Prices are as follows: English minimum 99 per cent. regulus, £112 10s. per ton, delivered; 70 per cent. crude, for the home trade, £90.

ARECA NUTS.—There appears to be nothing on spot pending new arrivals.

BALSAMS.—*Canada*, in small supply on spot, from 13s. 6d. to 14s. per lb.; *Peru*, 8s. per lb.; *Tolu* and *Copaiba*, unobtainable.

BELLADONNA.—Quotations for English herb are steady at 4s. 6d. per lb.; Indian root, 0-25 per cent. test, 2s. 3d. per lb.

BISMUTH.—Metal unchanged at 6s. 3d. per lb. for minimum quantities of 5 cwt. A steady business is being done.

BUCHU LEAVES.—In small compass on spot at 5s. 3d. to 5s. 6d. per lb.

CHAULMOOGRA.—*Hydnocarpus*, spot, 2s. per lb., in tins in cases.

CHILLIES.—From 120s. to 130s. per cwt. would be required for any available supplies, according to seller.

CINNAMON CHIPS.—Spot quoted at 2s. 2d. per lb., ex store.

CLOVES.—Zanzibar material is firmer on spot at 1s. 7½d. per lb., London; to arrive, November–December, 9½d., c.i.f.

COCHINEAL.—Silvers may, be obtained on spot at 5s. 9d. per lb.

COCOA BUTTER.—Officially quoted at 1s. 5½d. per lb. maximum. Sales under licence may be at other prices.

COLOCYNTH.—Odd bags are being sold at 2s. 6d. to 2s. 7d. per lb., spot.

DIGITALIS LEAVES.—Recently-quoted spot prices are unchanged. Portuguese, 140s. per cwt.; English, 2s. 6d. per lb.

ERGOT.—Firm, with available supplies quoted at not less than 7s. per lb. on spot.

GINGER.—West African, spot, 85s. per cwt.

GUM ACACIA.—Firm, but price unchanged. Kordofan cleaned sorts, spot, 76s. per cwt., London; 74s., Liverpool and 74s., Manchester; bleached, spot, 150s.; Talha, cleaned, 42s. 6d.

HENBANE.—Indian may be obtained on spot at 250s. per cwt., and Egyptian (*muticus*) at 85s.

JALAP.—The following grades are available on spot: 10.1 per cent., 3s. 6d. per lb.; 13.2 per cent., 4s.; 14.4 per cent., 4s. 3d.

KAMALA.—Material yielding 6 per cent. ash is steady on spot at 2s. 9d. to 3s. per lb.

KARAYA GUM.—Indian No. 1 material is steady on spot at 210s. per cwt.

MALE FERN ROOT.—As noted last week (p. 504), Indian is dearer at about 80s. per cwt.

MERCURY.—Prices are controlled by the Control of Mercury (No. 11) Order (C. & D., October 13, p. 388).

MYRRH.—Good-quality Aden sorts would be worth £18 per cwt. on spot.

NUTMEG.—Current prices for any available supplies are as follows: West Indian, 80s., 3s. 10½d. per lb.; sound unassorted, 3s. 7d.; wormy and broken, 3s. 4½d., nominal.

PEPPER.—Whole, not picked over or cleaned, on sale to processors, is officially priced at 1s. 4d. per lb. for white and 1s. per lb. for black.

PIMENTO.—Firm. Spot, 1s. 5½d. per lb., value.

QUASSIA CHIPS.—There seems to be nothing left on spot. January delivery will be at 40s. per cwt.

RHUBARB.—Good inquiry is being received, but no supplies are available.

SEEDS.—Some inquiry, but very little business passing. Current rates are as follows: **ANISEED.**—Turkish, spot, 2s. 8d. per lb. **CORIANDER.**—Indian, none available, price nominal at 92s. 6d. per cwt.; Russian, fair amount here, but demand small, price 92s. 6d.; English, limited stocks, price 90s. to 95s. per cwt. **CUMIN.**—Maltese, 150s., paid; Indian, none available. **DRILL.**—London, 80s.; Liverpool, 80s. **FENNEL.**—Supplies exhausted, nominal. **FENUGREEK.**—London, 68s. 6d.; Hull, 68s. 6d.

SENA.—Alexandrian hand-picked pods are in good demand; price nominal at 4s. per lb. Good manufacturing Alexandrian pods, 2s. per lb. Tinnevely leaves, No. 1, 10½d. per lb.; No. 2, 8½d.; No. 3, 7d.

STROPHANTHUS SEED.—Kombé seed, 100 per cent., 7s. 6d. per lb., spot.

TRAGACANTH.—Medium grades are quoted as follows: No. 1, white, £135 per cwt.; No. 2, white, £115; No. 3, white, £100; No. 4, white, £85; pale leaf, £60; amber leaf, £50; dark amber, £35; brown leaf, £25; red-and-brown leaf, £20; red leaf, from £17; hoggy, £12 to £15.

TURMERIC.—The position of this product is unchanged.

WAXES.—**BEE'S.**—Dar-es-Salaam, spot, 225s. per cwt. (not Government stocks). **CARNAUBA.**—Fatty grey, spot, 585s. per cwt.; prime yellow, spot, 675s.; chalky grey, spot, none available; all grades forward, nominal. **CANDELILLA.**—Spot, 300s., nominal; December-January arrival, 275s. per cwt., nominal. **OURICURI.**—Spot, 370s. to 400s., according to quality.

Essential and Expressed Oils

CASTOR.—Bulk supplies are officially quoted as follows: "Firsts," £82 per ton; "seconds," £80, both naked ex works.

CLOVE.—Makers of English-distilled quote at 12s. 6d. to 13s. per lb.

COCONUT.—Fixed prices are as follows: Crude, £49 per ton; refined deodorised, £49; refined hardened deodorised, £53.

GROUNDNUT.—Refined deodorised in bulk lots is quoted at £58 per ton, ex works.

NUTMEG.—In short supply. Current prices range from 55s. to 60s. per lb. for English-distilled oil.

OLIVE (EDIBLE).—Price charged to wholesaler by importer is 25s. 9d. per gall., ex store. Prices charged by wholesalers to retailers are agreed by Ministry of Food as follows: 33s. 6d. per gall. in 1-gall. loan cans; 34s. 3d. in ½-gall. loan cans; 35s. in 1-quart loan cans; 36s. per gall. in 1-pint cans.

PEPPERMINT.—Offers are reported from Brazil at from 17s. to 18s. per kilo, f.o.b. Brazil.

RAPESEED.—Officially quoted at £91 per ton, naked ex works.

ZANZIBAR CLOVE EXPORTS

The report of the Zanzibar Clove Growers' Association for the quarter ended June 30, 1945, shows that supplies and exports during the quarter were as follows:—

	SUPPLIES	EXPORTS
	lb.	lb.
Zanzibar ..	192,267	To all destinations
Pemba ..	1,711,200	4,083,241

Of the total supplies 1,357,494 lb. passed through the Zanzibar market and 545,973 lb. was purchased by the Association during the quarter.

The destinations and quantities exported during the quarter were:—

DESTINATION	BALES	L.B.
Bombay and India ..	17,519	2,452,688
America, North and South ..	6,279	879,188
Europe and Continent ..	3,312	463,688
Arabia ..	628	87,800
West Africa ..	531	74,360
Sudan ..	465	65,080
South Africa ..	249	34,860
North Africa ..	80	11,200
East Africa ..	68	9,810
Australia ..	32	4,480

Stems.—Supplies of stems during the quarter, at 286,414 lb., are lower than was expected and for the seasonal year, at 4,639,864 lb., are not up to average of the usual ratio to buds; there are still small quantities in Pemba but insufficient to have any material effect.

MISCELLANEOUS INQUIRIES

Optical Periodicals.—*R. M. T.*—Two periodicals published for practising opticians are the "Optician" (Hatton Press, Ltd., 72 Fleet Street, London, E.C.4) and the "National Optical Journal," 130 Princes Road, Liverpool.

Colloidal Solution.—*A. V. R.*—A colloidal solution is one in which the solute particles range from 1 μ to 100 μ in diameter. In a true solution the particles are less than 1 μ and in pharmaceutical suspensions and emulsions they are greater than 100 μ .

Measuring Roughness of Surfaces.—*R. E. S.*—The surface roughness of calendered sheet rubber is measured by means of an instrument known as a rugosimeter. What is actually measured is the resistance to air flow between the rough surface and a plane test surface resting upon it.

"No 1 London."—*H. J. S.*—"No. 1 London" was originally No. 1 Ludgate Hill and the address was popularised when the premises were occupied by Dakin & Co., sea merchants. The firm later moved to 9 Southampton Row, but retained the slogan "Number One London" in its titles and advertising matter.

Syrup Rhoeados.—*J. C.*—The preparation has largely gone out of use. Formulas of the hospitals varied somewhat: a typical one was:—

Syr. rhoeados	3 i
Liq. morph. hydrochlor. ..	m xxx
Aq. chlorof. ad	3 ss
M.s.a.	

Boiled Linseed Oil.—*M. C. B.*—The "boiled oil" of commerce is not suitable for medicinal purposes as it generally contains a compound of lead. Deaths have, in fact, occurred to cattle to which the boiled oil had been given. The "driers" added to the oil before boiling are usually charge, red lead and manganese dioxide.

Pompholix.—*N. E. F.*—Zinc oxide was formerly known by a variety of names, including pompholix, flowers of zinc, and philosopher's wool. When zinc is heated early to redness it takes fire and burns, forming the oxide as light, white flocculi, which have a certain resemblance to carded wool.

First-class Protein.—*J. E. P.*—The term "first-class protein" is generally applied to animal proteins only. The biological value of proteins depends largely on the presence

of amino-acids. White flour and the endosperm of cereals generally contain little lysine, an indispensable amino-acid. Gelatin is not a complete protein, but it contains a good deal of lysine, and is thus a valuable complement to white flour.

Dreuw's Ointment.—*B. S.*—The formula is as follows:—

Chrysarobin.	20
Ac. salicyl.	10
Ol. rusci	10
Sap. moll.	30
Paraff. moll. ad	100

To be rubbed in.

European Febrifuge.—*H. K.*—This was the name of a preparation used, in times of scarcity of cinchona barks, as a substitute. The formula is understood to be:—

Oak bark	24
Nut gall	6
Gentian	5
Chamomile	4
Iceland moss	1

Loosening Glass Stoppers.—*L. E. W.*—A method usually successful is to make a solution of chloral hydrate, 55, glycerin, 22, hydrochloric acid, 27 and water to 100, and put a few drops round the neck of the stopper to spread. After a little time the stopper may be loosened by gentle rotation; in some instances it may be necessary to leave overnight and tap the stopper gently next morning with a light wooden mallet, or similar wooden article.

Anticoagulant Solution.—*S. C.*—The solution known as A.C.D., used as a diluting fluid during the latter part of the war for preserving whole blood, contains trisodium citrate, 1.33 per cent., citric acid, 0.47 per cent., and dextrose, 3 per cent. One part of solution is used to four parts of blood. The mixture has been found to keep in satisfactory condition for three weeks if stored at 4° to 10° C.

Drinking Water.—*A. E. F.*—Three minerals regarded as essential in a drinking water are calcium, fluorine and iodine. Lack of calcium may obviously interfere with calcification of the teeth and bones. Lack of fluorine favours dental caries, although its presence in excess may also give rise to unwanted conditions such as mottling. Lack of iodine may lead to thyroid enlargement; it is common knowledge that goitre ("Derbyshire neck") is prevalent in districts where the water is deficient in this mineral.

TRADE MARKS

(From "The Trade Marks Journal," October 24)

"FLORINA"; for fertilisers (1). By Produx Industries, Ltd., Africa House, Kingsway, London, W.C.2. 636,112.

"MEL ROSE"; for toilet creams, cosmetic creams and medicated soaps (3); for medicated ointments (5). By Roberts & Sheppey, Ltd., Holton Mill, Holton, Oxford. 622,032-33 (both Associated).

"SHULTON"; for toilet and cosmetic preparations, dentifrices, perfumes, perfumed soaps, perfumed sachets, sachets for hair waving, etc. (3). By Shulton, Inc., c/o F. B. Dehn & Co., Kingsway House, 103 Kingsway, London, W.C.2. B627,076.

"PERMOID"; for perfumery, toilet and cosmetic preparations, soaps, dentifrices, detergents, toilet articles not included in other Classes, shaving stones (antiseptic), razor strop pastes, etc. (3); also for surgical and medical instruments and appliances; massage apparatus; violet ray apparatus for medical and surgical purposes (10). By Permoid, Ltd., 56 Clerkenwell Road, London, E.C.2. 635,387, 635,391.

"TARTEX"; for mouthwashes (3). By A. Lewin, 19 St. Ann's Villas, London, W.11. 635,476.

Device of crystals enclosed in circles, with two serpents of Aesculapius; for glandular extracts and preparations thereof, all for use in medicine and pharmacy; antiseptic salves for treatment of the skin; and pharmaceutical preparations for use by injection; none of these goods containing or consisting of petroleum jelly, glycerin or like substances (5). By Consolidated Chemicals, Ltd., 6 St. Andrew's Street South, Bury St. Edmunds. 627,902.

"BRYODINE"; for pharmaceutical preparations and substances all containing iodine (5). By W. E. Baldwin, Station Approach, Waltham Cross, Herts. B631,495.

"KROSUDPHAN"; for pharmaceutical preparations of sulphur compounds; "PARASTIMAL"; for pharmaceutical parasymphathetic stimulant preparations; "EPIDAN" and "VALSEDYL"; for pharmaceutical preparations and substances (3). By Bayer Products, Ltd., 14 Waterloo Place, Pall Mall, London, S.W.1. 634,838-39, 635,221 (Associated), and 635,313.

"HEMOFORT"; for tonic pharmaceutical preparations for human use (5). By International Laboratories, Ltd., 1-3 Smedley Street, London, S.W.8. 635,436.

"VELVA"; for menstruation appliances (5). By Vernon & Co., Ltd., Penwortham Mill, Preston. 635,532 (Associated).

"FLOFILM"; for photographic cameras, etc. (9). By Diebold, Inc., c/o Marks & Clerk, 57-58 Lincoln's Inn Fields, London, W.C.2. 633,422.

"ARELCO"; for paper not included in other Classes (16). *Medicated paper will be struck out from the specification of goods of Registration No. 439,677 (2372) (iii) if and before the*

Applicant's Mark is registered. By Ramsbottom, Lyons & Co., Ltd., 2 Nicholas Croft, High Street, Manchester, 4. B631,758.

JEANNE D'ARC (device of same); for honey, etc. (30). By T. De Bry Fils, Ltd., 191 Brompton Road, London, S.W.3. 633,436 (Associated).

CANCELLATION ON APPLICATION OF PROPRIETORS

Specification No. 457,252, by Dae Health Laboratories, Ltd., cancelled in respect of yeast tablets and goods of the same description as yeast tablets.

(From "The Trade Marks Journal," October 31)

"FULBENT"; for untreated and treated fullers' earth for use as a suspending, emulsifying or bonding agent. "FULMONT"; for untreated and treated fullers' earth for refining purposes and for use as catalysts (1). By Fullers' Earth Union, Ltd., Caerlaverock, Nutfield Road, Redhill, Surrey. 635,976-78 (Associated).

"LODEX"; for chemical reagents in solid form (1). By H. Reeve Angel & Co., Ltd., 9 Bridewell Place, London, E.C.4. 636,040.

"PARAPLAST"; for all goods (2), and for rubber, artificial and synthetic rubber, and articles made therefrom (17). By Para-Plastics, Ltd., 329 High Holborn, London, W.C.1. 634,804-05 (both Associated).

"RAH"; for soaps, etc. (3). By J. C. & J. Field, Ltd., Cardiff House, 22 Parkside, Wembley Common, London, S.W.19. 634,985.

"ELNORA"; for preparations for the hair, perfumery, and toilet preparations for the skin (3). By Elnora Products, Ltd., 221 Goswell Road, London, E.C.1. B634,995.

"MOSCOMA"; for toilet and cosmetic preparations (3). By J. G. Moss, 4 Thorndyke Avenue, Grove Hill, Middlesbrough. 635,866.

"JEYES"; for dust laying materials and substances (4). By Jeyes' Sanitary Compounds Co., Ltd., Richmond Street, Plaistow, London, E.13. 632,482 (Associated).

"ASMOTAX"; for pharmaceutical preparations for use in treatment of asthma, bronchitis and similar ailments (5). By R. W. Johnson, 22 Acacia Road, Horden, co. Durham. 634,718.

"TOPINA"; for pharmaceutical preparations (5). By Toja Products, Ltd., Trenmar Lodge, Trenmar Gardens, Willesden, London, N.W.10. 635,504.

"HYPHILIN"; for pharmaceutical preparation and substances (5). By Watford Chemicals Co., Ltd., 11 Waterloo Place, London, S.W.1. 635,614 (Associated).

CLOSED ON SATURDAYS.—Advertisers and subscribers are reminded that owing to present conditions the Head Office of THE CHEMIST AND DRUGGIST, 28 Essex Street, London, W.C.2. is closed on Saturdays until further notice. Urgent instructions relating to advertising and subscriptions should be sent to the C. & D. 17 Argyle Street, Bath, Somerset.

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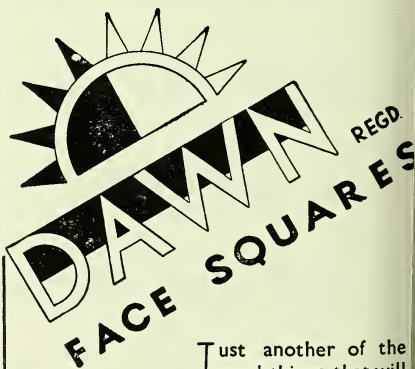
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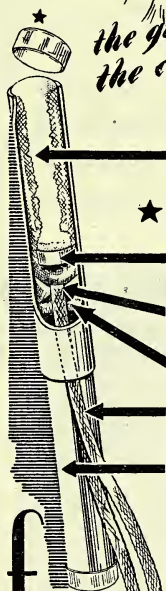
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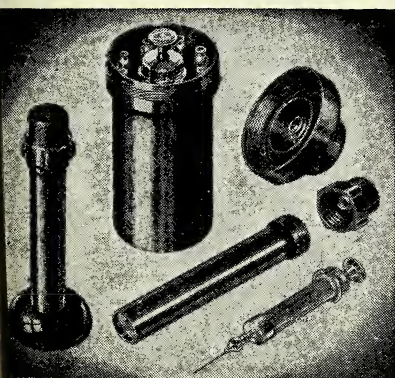
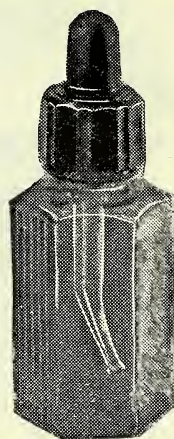
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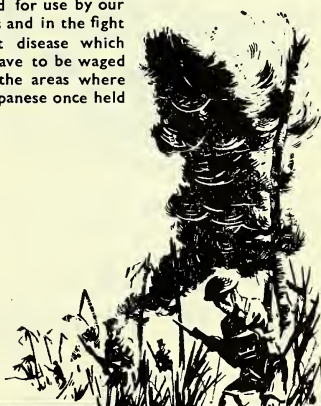
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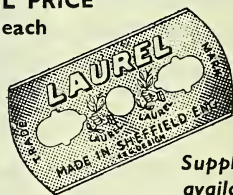
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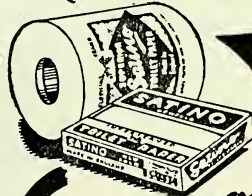
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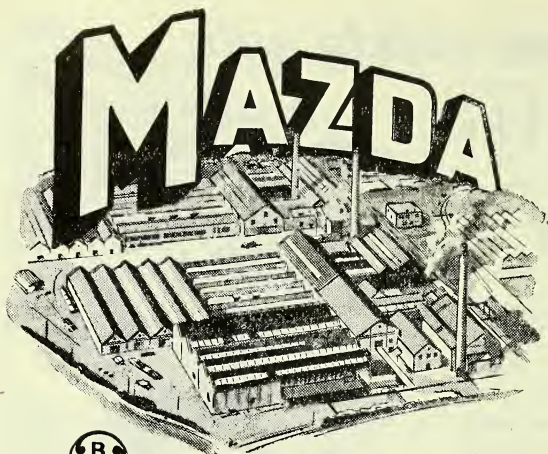
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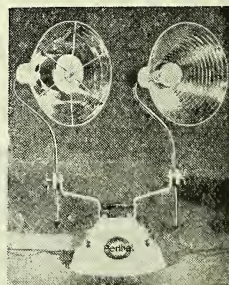
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Pethidine Tablets and Ampoules (all strengths).
'Omnozon'-Scopolamine Ampoules.
'Somnifaine' Ampoules (oral solution still subject to tax).

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For the past six years all patients at the children's Hospital of Berne suffering from whooping cough have been given massive doses of 'Redoxon', vitamin C. Treatment is started with daily injections of 500 mg. (one 'Redoxon' Forte ampoule) for about a week and this is followed by the oral administration of 'Redoxon' tablets 6×50 mg. on the first day, reduced to 3×50 mg. on the fourth day. In less severe cases oral treatment alone is sufficient, starting with ten 'Redoxon' tablets of 50 mg. on the first and second day. This quantity is gradually reduced to 3×50 mg. from the tenth day onwards. Results of treatment are satisfactory and the prophylactic administration of vitamin C to children exposed to whooping cough infection is advisable. (*Médecine et Hygiène*, 1944, 29, 9.)

Post-Traumatic Headache

Treatment of post-traumatic headache with 'Prostigmin' has yielded most encouraging results at the General Hospital of Johannesburg. The treatment consists of the administration of oral 'Prostigmin' tablets (15 mg.) 4 times daily for six to eight weeks

together with the intramuscular injection of 1 c.c. 'Prostigmin' (0.5 mg.) twice weekly for six to eight weeks and thirdly a restriction of fluid intake. 'Prostigmin' potentiates the action of acetylcholine, which is a powerful vasodilator, and thus abolishes vasoconstriction of meningeal and labyrinthine arteries, presumably the underlying cause of persistent post-traumatic headaches. (*B.M.J.*, 1945, August 25, p. 272.)

Quinine and Prothrombin

Quinine sulphate in single daily doses of 0.33 gm. (5 gr.) given by mouth for periods of 6-16 days led to a significant rise of the prothrombin time indicating a prothrombin-lowering effect of quinine sulphate. The concurrent administration of vitamin K in the form of 10 mg. 'Synkavit' tablets afforded full protection against the quinine-induced prothrombinopenia. Quinine hydrochloride has the same action as quinine sulphate. The routine administration of vitamin K in conjunction with quinine given for curative treatment is proposed. (*J. Amer. Med. Assoc.*, 1945, 128, p. 1093.)

'SYNKAVIT'
VITAMIN K ANALOGUE

Supplies Again Available

'Synkavit' oral tablets, each containing 10 mg. in packings of 20, 100 and 500. Bile salts need not be administered with 'Synkavit.' 'Synkavit' ampoules of 1 c.c., each containing 10 mg. of the active substance, in boxes of 6 and 50.

THE PRODUCTS LIMITED, WELWYN GARDEN CITY, HERTS, ENGLAND

Scottish Depot: 665 Gt. Western Road, Glasgow, W.2

IMPORTANT ANNOUNCEMENT

***Valet Blades are now in
unrestricted supply.***

***Get your stocks on display
and let your customers know
you can meet their requirements.
Showcards for Valet Blades will
be sent on request.***

***Should you find any
difficulty in getting all the
Valet Blades you need write to
us and give the name of your
wholesaler.***

**ISSUED BY GILLETTE INDUSTRIES LIMITED
GREAT WEST ROAD, ISLEWORTH, MIDDLESEX**

The CHEMIST AND DRUGGIST SUPPLEMENT

This Supplement is inserted in every copy of The Chemist & Druggist

NOVEMBER 1 / 1945

28 ESSEX STREET, LONDON, W.C. 2.

Prevailing restrictions and heavy demand on space necessitate the holding over of a number of advertisements week by week. As normal press days are in abeyance advertisers are advised to send instructions as early as possible. Advertisements must be prepaid. Box Office Numbers 1/- extra.

SITUATIONS OPEN

7/6 for 40 words or less, 2d. for every additional word.

None of the vacancies in these columns relates to a man between the ages of 18 and 50 inclusive or a woman between the ages of 18 and 40 inclusive unless or she is excepted from the provisions of the Control Engagement Order, 1945, or the vacancy is for employment excepted from the provisions of that Order.

RETAIL (HOME)

MULTIPLE firm of Chemists require the services of an experienced Chemist Optician in an attractive area very near to London; the prospects are considerable. Particulars in confidence 632/759, C. & D. London Office.

ASSISTANT for busy shop, Dispensing, etc.; short hours and no holiday duties. Apply rmsey, 8 South Farm Road, Worthing. Tel.: 1507. **RANCH** Manager; unfurnished living accommodation supplied. Apply with full particulars W. E. Kirkman, Ltd., Station Road, New Milton, Hants.

CHEMIST, London, requires temporary assistance with the pricing of stock books; Qualified or unqualified. Apply 632/772, C. & D. London Office.

CHEMIST (Qualified), male or female, required immediately to take charge of Branch in Hants, Lanarkshire, Scotland. Applications in writing giving full particulars and endorsed "B/M" should be sent to Scottish Co-operative Wholesale Society, Ltd., Retail Drug Department, 187 Bognormund, Shieldhall, Glasgow, S.W.1. Wages and war as per Co-operative Pharmacy Agreement. **OPER, SON & CO., LTD.**, urgently require a capable qualified Manager. Excellent position open Pharmacist. Write H. S. C., 120 Gloucester Road, S.W.7.

VENTRY. Pharmacist for Branch Managership or relief, in the latter case an excellent opportunity for young pharmacist to gain experience; permanent and progressive position; superannuation; no Sunday or half-day duties; fair remuneration and in the future. Send fullest particulars "Pharmacist," Coventry & District Co-operative Society, Ltd., Smithford Street, Coventry, as early as possible.

EAT GRIMSBY CO-OPERATIVE SOCIETY, LTD., invite applications from Chemist Optician or Chemists to fill the position of Superintendent to their newly-acquired Pharmacy. The position, which is a permanent one, offers considerable opportunity for development and progress to rising manager; there is also good living accommodation available if required. Apply stating experience, qualifications and fullest particulars including references and salary required, to Managing Secretary, 74 Garibaldi Street, Grimsby, endorsed "Pharmacist."

KIDDERMINSTER CO-OPERATIVE CHEMISTS require the services of a Qualified Pharmacist; applications for the position are invited; agency, if suitable. Apply, stating age and experience, to the Superintendent Chemist, Kidderminster Co-operative Chemists, Ltd., Worcester, Kidderminster.

Y. (Unqualified), for West London Pharmacy. 32/747, C. & D. London Office.

HERTFORD. Unqualified Lady or Gent, experienced in Dispensing for Counter. Apply stating salary required. Sheffield, 18 Queen's Road, Hertford.

LADY, Unqualified, for Clerical work in chemist's office, London; permanency for suitable applicant. Apply 632/773, C. & D. London Office.

LEICESTER. Temporary Manager required from now until June-July, 1946; owner of pharmacy in Royal Navy, Group 45. Applicant must have knowledge of small scale manufacturing and purchase tax application. 630/681, C. & D. London Office.

LONDON, W. Assistant for Dispensing and Counter; hours 9 to 6, Saturday half day; no Sunday duty. Garner, 106 Kensington High Street, W.8 (opposite Underground Station).

MANAGER, good class Business in an urban area, comfortable berth with accommodation (four rooms, kitchenette, bathroom, etc., modern house). Applications with references when available, etc., to Secretary, 1 Old Tiverton Road, Exeter.

M.P.S. Experienced gentleman, able to take charge of Shop and Unqualified Staff occasionally. Good-class busy shop, with optics and photographic, but no N.H.I.; congenial; attractive salary; permanency. References, etc. Yates Bros., M.P.S., Chorley Road, Swinton, Nr. Manchester.

OLDHAM CO-OPERATIVE CHEMISTS, LTD., invite applications from Pharmacists for the position of Branch Manager; permanency; superannuation scheme. Applications, stating age, experience, etc., to be forwarded to Oldham Co-operative Chemists, Ltd., King Street, Oldham.

ORRIDGE & CO., Employment Agency, Columbia House, Aldwych, W.C.2, invite inquiries from Pharmacists and Unqualified Persons requiring Situations, except women between the ages of 18 and 41. Progressive vacancies available. Excellent opportunities exist for Unqualified Assistants.

QUALIFIED Assistant required for good-class business, no N.H.I.; must be thoroughly conversant with modern therapeutics; duties Dispensing and Counter work; hours 9 a.m. to 6 p.m.; permanency for the right man. Apply stating age, experience and salary expected to R. L. Wilson, Moorhouses, Chemists, 12 Market Hill, Barnsley.

QUALIFIED and Unqualified Assistants for good-class business. State experience, age, references and salary required. Williams & Smith, Chemists, Horsham.

QUALIFIED or Unqualified Dispenser required for high-class Pharmacy; no N.H.I.; excellent references essential. Apply J. W. Quibell, Ltd., 885 Finchley Road, Golders Green, N.W.11.

QUALIFIED Branch Managers, permanent, required immediately, Denbighshire. Apply L. Rowland & Co., Ltd., Mitre Buildings, Brook Street, Wrexham, N. Wales, stating age, experience, salary required, enclosing photo (returnable) if possible.

S.W. LONDON. Unqualified Woman required at once for Counter and Display work in family business; short hours. Please state experience and salary required; references taken up. 634/846, C. & D. London Office.

UNQUALIFIED Male Assistant required, permanent post; no Sunday or Saturday afternoon duty. Apply with full particulars as to experience, age, and salary required. Mothershead & Co. (Estd. 1790), Ltd., 7 Exchange Street, Manchester, 2.

THE DARTFORD INDUSTRIAL CO-OPERATIVE SOCIETY, LTD., invite applications from Pharmacists, male or female, as Branch Managers; at least two, and possibly three, appointments are to be made. The positions are permanent and offer considerable scope for development and progress to persons displaying enterprise and initiative; superannuation scheme in force. Applications from pharmacists awaiting demobilisation will be given every consideration; living accommodation in one instance. Address to Superintendent Chemist, 93 Kent Road, Dartford.

WALSALL CO-OPERATIVE CHEMISTS, LTD. Two Pharmacists required as Branch Managers, house available in one instance; both are permanencies (probation period necessary), superannuation scheme in operation. Full particulars, salary required, to Superintendent Chemist, Walsall Co-operative Chemists, Ltd., 36 Upper Bridge Street, Walsall.

WANTED. Unqualified Counter Assistant, male or female. Apply, sending references and photo is possible, to Hinton Lake & Son, Ltd., 41 High Street, Exeter.

YORK CO-OPERATIVE CHEMISTS, LTD., require a Qualified Pharmacist for Branch Managership; superannuation scheme in operation. Apply giving full particulars to the Superintendent Chemist, 22 Railway Street, York.

LOCUMS WANTED

LOCUM, Qualified gentleman for good-class City business; dispensing and light retail; pleasant atmosphere. Please state salary required and other particulars. Perry & Sturman, Ltd., 76 Hertford Street, Coventry.

RETAIL (COLONIAL)

OVERSEAS EMPLOYMENT. Required for large Departmental Store in Ceylon, Unqualified Chemist who has served his apprenticeship and has some general retail experience; 23 to 26 years of age; single; 4 years' engagement with probability of permanency if services satisfactory; commencing salary £360 and an allowance of at present £90 per annum; passage paid both ways, low income tax, Provident Fund and other benefits; preference given to ex-service man. Written applications (no interviews), giving the following essential details: (1) Full name; (2) date of birth; (3) National Service Registration Number and local office shown on Registration Card N.S.2; (4) medical grade if known; (5) if discharged from the Forces, particulars of service number, rank, unit and reasons for discharge; (6) qualifications and experience; (7) name and address of present employers; (8) details of present work; should be sent to The Secretary, Overseas Manpower Committee (Ref. 1789B), Ministry of Labour and National Service, York House, Kingsway, London, W.C.2. Applications cannot be acknowledged.

OVERSEAS EMPLOYMENT, PHARMACISTS for Service in East Africa. Qualified, single men under 35 are required, and consideration will be given to applicants from the Forces. Engagement will be for a term of four years, with return passages paid. Salary not less than £420 per annum, plus allowance. Successful candidates will be required to pass the Company's medical examination. Written applications (no interviews), giving the following essential details: (1) Full name; (2) Date of birth; (3) National Service Registration Number and Local Office shown on address side of Registration Card, N.S.2; (4) Medical grade if known; (5) If discharged from the Forces, particulars of Service number, rank, unit and reasons for discharge; (6) Qualifications and experience; (7) Name and address of present employers; (8) Details of present work; should be sent to The Secretary, Overseas Manpower Committee (Ref. 5424), Ministry of Labour and National Service, York House, Kingsway, London, W.C.2. Applications cannot be acknowledged.

WHOLESALE

AGENTS required to sell on commission to Chemists and Drug Stores, etc., an advertised line of Germicide similar to a very well-known brand; also shampoo powders and liquids as well as other good selling lines. Ambblins Sales Co., Ltd., 338 High Road, Kilburn, N.W.6.

AGENTS required to call retail chemists in the counties of Yorkshire and Durham. Writing age, experience, etc. 636/887, C. & D. London Office.

A LARGE firm of Manufacturing Chemists, twenty miles from London, require a man well versed in Patent matters. Full particulars of experience salary, etc., to 633/802, C. & D. London Office.

APPLICATIONS are invited by a well-known firm of manufacturing chemists, 20 miles from London, for the following vacancies: (1) Pharmacist to take charge of tabletting and sugar coating departments; experience an advantage, ability to control staff essential. (2) Lady Pharmacist as assistant in Ampoule department; recently qualified preferably with hospital or manufacturing experience. (3) Man, unqualified, to take charge of process laboratory; experience in general manufacturing routine an advantage. The positions offered are permanent and progressive and good salaries will be paid to suitable applicants. Applications giving full details of age, education, experience and salary required in confidence to 631/724, C. & D. London Office.

ASSISTANT Works Chemist. Excellent opportunity for a man aged 35-45 with sound progressive firm of Manufacturing Chemists. On applicants with first-class experience of manufacturing Pharmaceutical preparations, able to control raw materials and pass the finished product, necessary. A good salary with prospects is offered to methodical man capable of controlling staff. Write applications, which will be treated in strict confidence, must give the fullest details in the first instance of previous experience, salaries earned a year. 633/781, C. & D. London Office.

CHEMIST, Qualified or Unqualified, wanted, capable of manufacture of Lipsticks, Rouges, Face Powder, etc.; good prospects for right man. Apply Northam Warren, Ltd., 33-41 Westbourne Grove, Bayswater, London, W.2.

CHEMISTS' sundries, wholesalers, well introduced, have vacancies for representatives Northumberland, Durham, Yorkshire, Lancashire, on terms of commission and part travel expense. 633/798, C. & D. London Office.

COMMISSION AGENT required calling on Chemists for the London Area North of the River packed Drugs and Galenicals. Apply E. J. Hans 22 St. Faith's Road, S.E.21.

COPYWRITER required for Advertising and Editorial publicity in the Medical, Pharmaceutical and Chemical Press; pharmaceutical qualification preferable but not essential. Write giving details of past experience and specimens of work. Personnel Officer, May and Baker, Ltd., Dagenham, Essex.

D. McDERMOTT INSECTICIDES, LTD., Percival Lane, Runcorn, Cheshire, have vacancies for Representatives in the following areas: (1) Northumberland, Durham, Cumberland, Westmorland; (2) Yorkshire and Lancashire; (3) Midlands; (4) London; (5) South Wales. High commission only selling established and fast selling products. Gentlemen with good connections amongst Chemists Wholesale and Retail, etc., accustomed to earn high remuneration are invited to apply for interview stating full details in first letter.

ENERGETIC young man with pleasant personality wanted as Medical Representative progressive company; some knowledge of drugs sufficient; training given; excellent prospects hard working man. State experience and salary required. 634/825, C. & D. London Office.

EFFICIENT Secretary-Stenographer required by Manager of London Manufacturing Chemists; high speeds, good English and ability to act on own initiative essential; preference for person with previous experience of pharmaceutical industry. Best details and salary required to 631/740, C. & D. London Office.

GEORGE BELL'S PET REMEDIES. Messrs. Bell & Sons, Silverdale Works, Liverpool, 13, invite applications from experienced Salesmen of high integrity and proved selling ability for Vacancies on Air Sales Staff in the East Midlands and South Wales. Remuneration, salary, expenses and bonus. Only Sales Director as above.

GENERAL Sales Manager wanted; exceptional opportunity for right man. Essential qualifications: Knowledge of marketing and sales promotion, initiative, sound organising ability and experience in successful control of sales staff. The appointment offers excellent prospects and ample scope for a highly first-class man. When applying state if any experience of pharmaceutical trade; excellent references will be required. Only those with the necessary qualifications need apply. Please write, giving experience, age, salary required and when available, to: Managing Director, Optrex, Ltd., 15, Southworth Road, Perivale, Greenford, Middlesex.

LONDON Manufacturing Chemists require Assistant (male or female) for control of Packed Goods Department, previous experience essential. Working Foreman for Tablet Department, previous experience of all types of machines, and Tablet Maker for same department; 5-day week. 635/882, C. & D. London Office.

MANUFACTURING Chemist requires full-time Representative for Middlesex, Herts, Beds, Essex, and North and North-West London territories with connexions amongst Chemists in this territory especially favoured; excellent prospect for energetic candidate. Send full particulars for instance to 634/819, C. & D. London Office.

MANUFACTURING Chemists in Lancashire, making range of nationally-advertised preparations of high repute, wish to appoint Assistant Manager; duties will combine outside representation and administration. Candidates should be 40 years of age, have had experience of selling and administration, and should send fullest details of work done and salary required; replies treated in strictest confidence. Apply Managing Director. 630/83, C. & D. London Office.

NORTH Lancashire Manufacturing Chemists require services of Working Chargehand (previously qualified) for Wet Laboratory; very sound remuneration commensurate with past experience and present ability. Full details including liability of C. of E. order to 635/868, C. & D. London

PHARMACIST required by firm of Manufacturing chemists situated Kent seaside town (Whitby); previous manufacturing experience not required; good prospects; hours 9 a.m. to 5.30 p.m. 63, C. & D. London Office.

PHARMACIST required, age no object, easy hours, a well-known firm of Manufacturing Chemists London. 635/881, C. & D. London Office.

Tablet Maker for old-established Manufacturing Chemists, with expanding business at Town, South Africa, to take charge modern plant and staff; three-year contract; passage double if married. Good salary and excellent terms for man with first-class experience which vital; permanent position. Applications in confidence, giving complete details of experience, to Box ZW.895. Deacon's Advertising, 10, Lenthall Street, London, E.C.3.

PHARMACIAL Drug House requires experienced man to take charge of Packed Goods Department, ability to control female staff, check labels, comparisons and to prepare costs essential. Years of experience, salary required, etc., to 635/881, C. & D. London Office.

PROCESS WORKER. Permanent position offered to applicant experienced in Galenical manufacture; able to act as Charge Hand in pharmaceutical laboratory. State full experience, etc., to Chemists, 633/784, C. & D. London Office.

REPRESENTATIVES required for Midlands and Eastern Counties by old-established London Manufacturing Chemists. State age, experience and when free. 632/770, C. & D. London Office.

REPRESENTATIVE required by Manufacturing Chemists for the London area south of the river; applicants must have good connexion with chemists in this area; salary £500 per year, with expenses. Write full particulars to Hanson, 22 St. Faith's Road, London, S.E.21.

REPRESENTATIVES required by Pharmaceutical House of high standing selling nationally-advertised proprietaries on salary, commission and expenses. Territories vacant West of England, South Wales, Yorkshire, Scotland. First-class men with good records only considered; car allowance; good prospects. 635/866, C. & D. London Office.

REPRESENTATIVE required by Lancashire Manufacturing Chemists for Lancs, Cheshire and N. Wales. Qualified Chemist preferred for Qualified Chemist connexion. Write details, qualification, experience and connexion, if any; also state liability under C. of E. Order to 634/834, C. & D. London Office.

REQUIRED in very near future keen and ambitious man, age about 30, with sound business knowledge and preferably experience in cosmetic trade including export. Would be trained and expected to be able to take full responsibility whilst proprietor travelling abroad; first-class prospects. 635/874, C. & D. London Office.

REPRESENTATIVES required by established firm to call on Chemists, Stores, Wholesalers, etc.; good commission, or salary and commission, to full-time men. State (in confidence) firms already represented, if any. 635/870, C. & D. London Office.

REPRESENTATIVES with good connexion with Chemists or Grocers wanted to carry additional products on generous commission basis; sole representation granted on London and Home Counties if regular coverage is guaranteed. Write, The Finchley Manufacturing Company, 882 High Road, N.12.

SALES Representative required for Northern Counties with established connexion amongst Chemists, Grocers, Hardware Merchants and Stores; resident in Manchester district preferred; salary, commission and expenses. Write full particulars. 636/885, C. & D. London Office.

SAVORY & MOORE, LTD., require for their factory at Tottenham a Buyer with experience in purchasing chemicals, drugs and all types of packaging material. Apply with details of experience and salary required to the Manager, Standard Works, Lawrence Road, Tottenham, N.15.

SHORTHAND-TYPIST required for City Export Buyers; reasonable hours; present five-day week. State experience, salary required. 635/865, C. & D. London Office.

TABLET Coater required by Midland Manufacturing Chemists. Write stating age and experience to 632/749, C. & D. London Office.

WANTED Foreman Packer by manufacturers of fine chemicals in North-west England, Home and Export, used to female labour; good opening for young man with initiative. 635/859, C. & D. London Office.

WANTED Laboratory Assistant, experienced in the manufacture of galenicals. Reply, stating age, experience and salary required, to Middleton & Co., Ltd., 90 Boundary Road, Middlesbrough.

WORKS Manager. Chemist with sound knowledge manufacture and packing modern domestic insecticides, etc., able to organise for post-war trade; small factory S.E. London. State experience, salary required. 635/880, C. & D. London Office.

SITUATIONS WANTED

2/6 for 18 words or less, 1d. for every additional word.

RETAIL (HOME)

CHATHAM or District. Optician prepared to assist in established or in re-establishing optical practice; afternoons only. 635/867, C. & D. London Office.

CHEMIST'S Assistant, just now disengaged; good experience; Irish Degree L.P.S.G. Chemist, 55 Upland Grove, Roundhay, Leeds, 8.

CHEMIST, 45, recently demobilised from R.A.F., desires a position in any district with a view to partnership or ultimate succession; area where there is scope for a lady doctor would be an advantage. The main requirements are a congenial post which will be permanent. 632/761, C. & D. London Office.

EXPERIENCED Pharmacist, available November 19, as Locum or Manager; Yorkshire preferred. Please state details of situation offered. 634/840, C. & D. London Office.

LADY Dispenser (Hall), excellent experience Chemists and Doctors; disengaged. Reply 635/877, C. & D. London Office.

PHARMACIST, Manager, Buyer, W.E. or City preferred; elderly T.T.; return of "demob." cause of leaving. References BM/JNNE, London.

LOCUMS SEEKING ENGAGEMENT

DISPENSER, Hall, experienced with hospitals, doctors, and baby clinics, desires locums or part-time; permanency. Locum, 112 Maryland Road, N.22. Bowespark 1320.

WHOLESALE

AS Representative or Local Manager; 20 years' commercial experience buying, selling and introducing new lines; highest references, initiative and personality; would consider buying agency. Box F.261, Lee & Nightingale, Liverpool.

COSMETICS and Perfumery. Advertiser (50) with experience of manufacture and control of labour, accustomed to up-to-date plant, seeks post as Manager. 634/845, C. & D. London Office.

COSMETICS. Manufacturing Pharmacist with specialized knowledge of cosmetics and allied subjects wishes to contact first-class manufacturer already established in this field or considering future developments. Position sought is one of responsibility with good prospects; accustomed to laboratory, pilot and commercial plant. Salary £630 per annum. 635/875, C. & D. London Office.

COSMETIC Chemist wants to get in touch with firms who are interested in manufacturing and marketing a new line of preparation. 632/777, C. & D. London Office.

EXPERIENCED Representative seeks change; good connexion East Midlands, Eastern Counties and North London. 634/842, C. & D. London Office.

EXPERIENCED Representative having long standing connexion with Chemists, etc., in Eastern Counties and Home Counties, seeks position with firm of repute; salary, commission and expenses. Write 634/848, C. & D. London Office.

EX-SERVICE MAN, age 32, seeking a position as a Representative for Manufacturing Chemists; nine years' experience in the manufacturing trade and three years as a representative in other commodities; any area; excellent references; now disengaged. 636/894, C. & D. London Office.

LANCASHIRE and Cheshire. Live Agent requires Sole Agency for products of high-grade quality. Connexion with Wholesale and Retail Chemists, Co-ops., Department Stores, Wholesale Toilet and Perfumery Houses, Multiple and Wholesale Grocers and Sundriesmen; commission and expense allowance; car owner. 635/854, C. & D. London Office.

MEDICAL, Veterinary Representative wants post residing Lancashire. Excellent references, good connexion Hospitals, Doctors, Veterinary Surgeons, etc. £420 p.a. salary and expenses. 635/876, C. & D. London Office.

MEDICAL Representative, 25 years' experience in Propaganda and Direct Sales, Doctors Chemists, Lancashire and Yorkshire. 634/844, C. & D. London Office.

REPRESENTATIVE in Eire, twelve years' experience, first-class country-wide connexion open for engagement with house of repute, or we consider two or three sole agencies; own 635/876, C. & D. London Office.

REPRESENTATIVE. Connexion wholesale retail chemists twelve counties West of Ireland, seeks representation good wholesale house. C. A. W. Baynham, 15 Searle Court Avenue, Anne's Park, Bristol, 4.

SALES and Propaganda of Ethical preparation Hospitals, Clinics, Local Authorities and Dispensaries. For past 10 years, and throughout period, advertiser, aged 41, has covered S.E. S.W. and W. England. Now seeks position Assistant Sales Manager or first-class proposition. 634/839, C. & D. London Office.

TRAVELLER calling on Chemists and Dispensaries, London area and suburbs, requires two or two additional lines; cash or commission basis. Write G. A. Lockwood, 31 Sydney Road, Richmond, Surrey.

TRAVELLER, extensive Chemist's connexion (Wholesale and Retail), Scotland, desires position with established House or first-class Agent. Full particulars to 636/888, C. & D. London Office.

SOUTH AFRICA. Experienced Representative visiting Durban, Capetown and Johannesburg, etc., Wholesalers and Stores, new year, requires additional reputable agency. 636/890, C. & D. London Office.

WANTED, by well-known live Agent, another for distribution to Chemists, Stores, etc., in Dorset, Wilts, Somerset, Devon, Cornwall and Gloucestershire; one line only carried at present only first-class product and Sole Agency considered complete coverage of territory. 634/847, C. & D. London Office.

APPOINTMENTS

AN Editor is required for an established Export Trade Journal covering the Drug, Chemical and Associated Industries. Applicants must have a thorough knowledge of the export trade of the industries and be sufficiently experienced in journalism to edit the Journal with the object of promoting British trade in Export Markets. Position offers an excellent opportunity for a man with modern ideas on make-up and the production of a first-class and attractive publication. Applications will be treated confidentially. Send full particulars of previous experience, age, and other details to CDB/429, C. & D. London Office.

REDHILL COUNTY HOSPITAL

EARLSWOOD COMMON, REDHILL
ST. LUKE'S HOSPITAL, GUILDFORD
ASSISTANT PHARMACIST, Temporary. Must M.P.S. or Ph.C. Salary grade £250 plus £1, £300 p.a. plus bonus, 23s. p.w. male, 18s. p.w. female. Apply to Medical Superintendent.

THE ROYAL INFIRMARY

SUNDERLAND

Applications are invited for the post Assistant Pharmacist to the above Hospital. Commencing salary will be at the rate of £1 per annum. Federated Superannuation Scheme in force. Apply, giving full particulars of qualifications and experience to the Hospital Governor and Secretary.

WEST KENT GENERAL HOSPITAL MAIDSTONE

Applications are invited for the post of Dispenser—Apothecaries Hall qualification essential—to work under supervision of Pharmacist. Salary according to B.H.A. scale, plus lunch and tea; no Sunday duty. Candidates should state age and full particulars of experience with copies of testimonials to House Governor and Secretary.

EXPORT TRADE

CEYLON—LEADING SALES ORGANISATION, with over 50 Agency-Sales Depots and Medical representatives and Travellers, and importing on account, is open to take up agencies for all lines the Pharmaceutical trade, Cosmetics, Perfumery, fectonery, etc. First-class Bank and Trade references. Universal Trading & Drug Co., Ltd., c/o Dept., G.P.O., Box 385 Colombo, Ceylon.

EXPORT TO DENMARK, Old, financially strong import firm wants quotations on all kinds of goods and especially on Chemicals, Oils, Wax, Tar Products. Please write R. Groth-Hansen, Alerg, Denmark.

AIR CREAM FORMULAS. Important Danish manufacturers are interested in acquiring formulas for Men's Hair Creams of finest quality. Must having formula to offer should write in confidence to 635/853, C. & D. London Office.

RSI Firm with selling organisation throughout India, modern storage accommodation and financial position, desires agency and distribution of Plasters, Rubber goods, Patent Medicines, Cosmetics, Chemicals, Beauty Products, Toilets and Emery, Food Products and also Presentation boxes. Write R. N. Rustomji & Co., Post Box 884 Colaba Road, Bombay.

SWEDISH Manufacturer of Chemical and Toilet Products desires contact suppliers of: Lanette or water-soluble emulsion wax, fatty, alcohol-soluble for shampoos, henna, sulpho-p-phenylene, sulpho-p-amidodiphenylamine, sulpho-o-phenol, p-amidophenol-chlorhydrate, p-amidodiphenylamine, paratoluyldiamine. Perfumery and Cosmetics. Ostindefaragatan 5, Malmö, Sverige.

ACCOMMODATION

ADVERTISER offers detached house near Bristol (about January) in exchange for house in London and Counties. For further particulars please write to C. D. B./430, C. & D. London Office.

BUSINESS OPPORTUNITIES

for 40 words or less, 2d. for every additional word.

ADVERTISER wishes to purchase firm of cosmetic manufacturers with quota between £1,000 and £5,000; all replies treated strictly confidentially. Write to 635/857, C. & D. London Office.

TOILET SPECIALISTS would like to contact firm who would manufacture for them (and possibly export) Creams, Powders, Lipsticks, Liquids, etc., and jars and labels supplied, to specification or consider samples; lines will be widely advertised. Write to 633/789, C. & D. London Office.

SUBSTANTIAL business firm, Dublin City Centre, can undertake packing and distribution (manufacturing, if necessary) of goods of value to grocers, chemists, smallware, hardware and other trades; existing connexion throughout Ireland; ample storage facilities and capital. Box 100, c/o McConnell's Advertising Service, Ltd., 100, St. Stephen's Street, Dublin.

SERVICE MAN. Qualified Chemist, requires capital in the form of either loan or investment to enable him to take advantage of a unique opportunity of influencing business. The proposition is of interest any chemist who is established and wishing opening another business. Replies from chemists, drug stores, etc., not wanted. Write to 633/789, C. & D. London Office.

FACTORY and Capital available near Marble Arch. Advertiser would like to hear from small established concern requiring both, or from a chemist having a sound proposition and wishing to start manufacturing. 635/878, C. & D. London Office.

LARGE Distributing Organisation, with strong force of travellers covering the country, offers spacious factory and storage premises in Liverpool; steam, power, tanks, blenders and so on available. Provided distribution of lines manufactured, or participation in manufacturing is offered to the advertiser. 635/858, C. & D. London Office.

QUALIFIED Medical Herbalist offers his services to any Pharmacist, London district preferred; wishing to increase business with Herbal Medicine on scientific methods with a view to partnership; advertiser in Forces until late May. Particulars of scheme from Cope, 30 Westfield Road, Caversham, Reading.

SOUTH DURHAM. Pharmacist (37) wishes to contact proprietor contemplating partial or full retirement, with view to purchase or management with ultimate succession. Details in strict confidence to 635/861, C. & D. London Office.

WELL-KNOWN Firm will undertake Manufacturing or Packing Creams or Liquids, also may be able to help with Packing situation; we will pick up and deliver the packed article. 635/884, C. & D. London Office.

WELL-KNOWN London Company is forming an Irish Subsidiary, and would be pleased to hear from principals with regard to manufacture and/or distribution for Eire. Full laboratory facilities will be available, also highly skilled technicians. The products can be either pharmaceutical or toilet. 630/699, C. & D. London Office.

WANTED

7/6 for 36 words or less, 2d. for every additional word.

ANY quantity of first, second, third quality Rubber Preventatives purchased, including Washable Sheaths, cash. Offer any job stocks in printed, small plain cartons; in fact anything unsaleable. Cummings, 24 William Street, Merthyr.

ASPIRIN B.P. and Phenacetin B.P. wanted for tabletting; must be B.P., Crystal is possible; **AUTOMATIC** Cream Filler wanted at once; big price paid. Shavex Co., Bavaria Road, Holloway, N.19.

spot cash paid. 635/869, C. & D. London Office.

BOTTLES wanted by Manufacturer; 3 oz. Medical Flats, for corks or screw caps. Quantities and prices to 635/864, C. & D. London Office.

CHEMIST requires urgently small quantity (up to 7 lb.) of the following: Powdered Orris Root, Powdered Chamomile Flowers. Reply to D. M., 348 Greenford Avenue, London, W.7.

COMPLETE Colton Automatic Pill Making Plant. Beecham Group, Ltd., St. Helens, Lancs. 'Phone St. Helens 2241.

GAS Copper, 30-50 gallons, also 5-10 gallon Mixing Containers, Stainless Steel or Enamel. Details to Hanson, 22 St. Faith's Road, London, S.E.21.

HAND Sifter, either Young or Gardner; also Filler for 10 oz. Bottles. Apply 634/850, C. & D. London Office.

PERCOLATOR (about 2-gall. capacity), either new or second-hand if perfect, suitable for making Composition Essence. Booth & Co., New Street, Idle, Bradford.

RECOVERED PARAFFIN WAX wanted in any quantities. Please send sample and price to 633/805, C. & D. London Office.

WANTED. Aspirin, Phenacetin, Saccharin 550, Powder Extract of Malt in 1 cwt. drums; surplus stocks of Patents and Toilets bought. Adhesive, Zinc Oxide and Elastic Plasters in 2-in., 2½-in. and 3-in. widths required. 633/787, C. & D. London Office.

WANTED Small Experimental Pill Machine (second-hand). H. B. Sale, Ltd., Summer Lane, Birmingham.

WANTED 1-oz. Bottles any shape, Vials or Panels, up to 250 gross weekly for packing only, not for resale. 635/872, C. & D. London Office.

WANTED 2½-oz. Bottles or 2½-oz. Panel Bottles, also 8-oz. Medicals for packing only, not for resale. 635/873, C. & D. London Office.

WANTED Complete set of 3 volumes, "Perfumer Soap and Cosmetics," by Purcher. 635/863, C. & D. London Office.

WANTED up to 5 lb. of Ol. Menth. Pulegii. State price. 635/852, C. & D. London Office.

WANTED 1-oz. Bottles any shape; small and large quantities; highest price paid. 635/855, C. & D. London Office.

WANTED Labelling Machine adaptable for 1-oz. Bottles. Wright, 635/856, C. & D. London Office.

WANTED Large or small supplies of Ti-Tree Oil (Melaleuca Alternifolia) and Cymene. Samples and offers to Manufacturing Chemist, 145 Turnpike Lane, Hornsey, N.8.

8-OZ. Plain Medicals, 8-oz. ribbed Ovals, 2-2½-oz. Panels; divisioned cartons to hold any of these. Samples and prices to S. Tatlow & Co., Ltd., Eekington, Sheffield.

26-OZ. and 13-oz. Wine or Champagne Bottles required. 625/524, C. & D. London Office.

BUSINESSES WANTED

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HILLIER, PARKER, MAY & ROWDEN, Surveyors and Valuers, 77 Grosvenor Street, W.1, have applications for several sound and progressive single-shop Businesses occupying premier trading positions in London and Provinces, or a Group Concern would be seriously considered. Owners contemplating sale or their solicitors are invited to write for further information to Hillier, Parker, May & Rowden, 77 Grosvenor Street, W.1.

INFANTRY Captain, M.P.S. (release leave), well known in public pharmacy and business pre-war, lost businesses through joining up at start of war; married, two children, age 41. Will elderly pharmacist, in agricultural town, employ and accept £600 for Partnership, with remainder of price of business paid off at mutually agreed monthly terms, with view to succession to whole business. 635/883, C. & D. London Office.

PORTSMOUTH and District. Pharmacist wishes to purchase business showing net profit of £600 upwards; agreeable to management with ultimate succession or partnership. 635/862, C. & D. London Office.

PRIVATE Pharmaceutical wishes to purchase Business, turnover about £3,000. Southern counties preferred, but not essential; living accommodation required. Managership with a view to early succession entertained. All particulars in confidence to Pharmacist, c/o 115 Dawnallgrove Road, Bryn, Nr. Wigan.

MISCELLANEOUS SALES

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BALSAM Tolu, 450 lb. approximately available; also 5 cwt. Ammonium Bromide. 634/849, C. & D. London Office.

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FOR Sale. 20 gross Cardboard Boxes about 18 in. square at 72s. per gross. Hamilton, 16 Watson Street, Glasgow.

AN Opportunity. The following machinery will shortly be for sale. Manesty Rotary Table Machines; two "B.B." type, four or five "D" type and one "B" type, complete with Punches and Dies all are in new condition. Also one Rhodes C Seal Machine, 220 volts, 1½ motor geared to be drive, will seal cans up to 8 in. dia. × 14 in. dept. Also one Robert Filler, complete on rail to run on bench, suitable for polishes, etc. Also one Wat Softener and Water Still. Also Farrow Cross-tu Boiler, height 6 ft. × 3 ft. dia., complete with fittings, gauges, cocks, etc. 633/790, C. & D. London Office.

FOR Sale, price £60, Hearson Microscope, 3-nos objective with 4 mm. 16 mm. lense (Beck) a Watson 1/12 in. oil immersion lense; coarse and fine adjustment, condenser with adjuster and iris diaphragm, plano and concave mirror. Large polish case with lense holder; excellent condition. Box 2 J.2623, W. H. Smith & Son, Ltd., Manchester, 3

FOR Sale. 100 gross 3-oz. Glass Jars, good quality suitable for face cream, etc.; Assorted Cold Lids, 40s. 6d. per gross London. 635/871, C. & D. London Office.

OFFERED for Sale. Cine Kodak Model 20 f lens, in leather case; new; first good one taken. Wallis, Chemist, Maldon, Essex.

SMALL Pill Piping Machine for sale. Motor Drive cylinder approx. 4½ in. by 7½ in. deep, stri and loose pulley. Two plates also if desired for making four-grain pills, all bolts new. £20 or near offer. Can be viewed in London. Write Box 3 Mitchell's, Ltd., 1 Snow Hill, London, E.C.1.

200,000 coloured Envelopes for dispatch packed in 1,000 and 2,000, packages 2 in. × 2½ in. 1,000; 5,000 lots and upwards carriage paid; sampling. Thomas Horton, Merthyr Tydfil.

AGENCIES

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ACTUAL manufacturers of Nail Files, Col similar Toilet Goods and Novelties are invited to submit details to London Agency. BCM/heure, London, W.C.1.

EIRE. Pharmaceutical Chemist, 27 years' connexion in Dublin and provinces, represent British Pharmaceutical House or Cosm Manufacturers. Capital to invest; own car if necessary. 634/841, C. & D. London Office.

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